

# KAUA'I KĀKŌU

## The General Plan Update



First Reading Presentation – September 6, 2017  
County of Kaua'i Planning Department  
Community Planning Program

**SSFM**  
International

# PROJECT TEAM

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## SSFM International

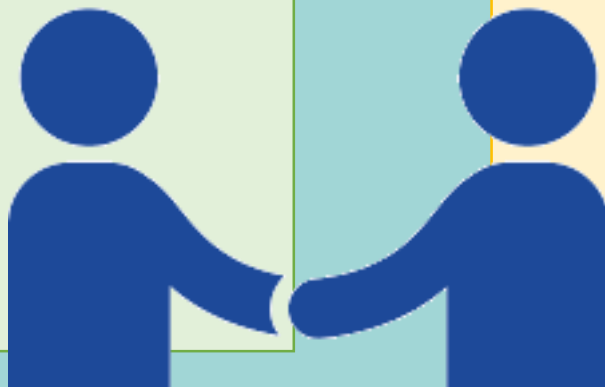
Dr Cheryl Soon, FAICP  
Melissa White, AICP

## Opticos Design, Inc.

**Charlier &  
Associates**

**SMS**

**PBR-Hawai'i  
Collaborative  
Economics**





## County of Kaua'i

	POPULATION	HOUSING UNITS
2010	67,091	29,793
2035 <small>(projection)</small>	88,013	39,676



Lihu'e		
	POPULATION	HOUSING UNITS
2010	14,683	5,296
2035 <small>(projection)</small>	23,456	9,900

Kōloa-Poipu-Kālāheo		
	POPULATION	HOUSING UNITS
2010	11,696	5,764
2035 <small>(projection)</small>	16,855	8,292

Hanapēpē-'Ele'ele		
	POPULATION	HOUSING UNITS
2010	5,241	2,262
2035 <small>(projection)</small>	7,094	3,120

Waimea		
	POPULATION	HOUSING UNITS
2010	2,262	1,000
2035 <small>(projection)</small>	6,566	2,652

Port of Kaua'i		
	POPULATION	HOUSING UNITS
2010	8,002	3,933
2035 <small>(projection)</small>	8,933	4,200

Kaua'i		
	POPULATION	HOUSING UNITS
2010	67,091	29,793
2035 <small>(projection)</small>	88,013	39,676

1.  
The Purpose
2.  
The Process
3.  
The Framework
4.  
The Sectors
5.  
The Land Use Map
6.  
The Drafts
7.  
Hot Topics



**General & Comprehensive**  
***a long-range vision***  
guides growth and development  
***meant to be updated every 10 years***



**What is a  
General Plan?**



# The General Plan is required by State and County law.



## *Hawaii Revised Statutes*

**HRS §226-58**  
**County general plans**

**HRS §46-4**  
**County zoning**



## *Kauai County Charter*

**Section 14.06.**  
**General Plan**



## *Kauai County Code*

**Chapter 7.**  
**The General Plan for**  
**the County of Kauai**

# The General Plan has a specific purpose prescribed by law.

- The General Plan sets graphic and text policies to govern the future physical development of the County.
- The General Plan is not intended to be regulatory.
- It guides:
  - ✓ revisions to land use regulations;
  - ✓ deciding on zoning changes;
  - ✓ preparing and adopting community plans and public facility plans; and
  - ✓ preparing and adopting capital improvement plans.

~~Zoning  
Map~~

~~A permit~~

~~Master  
Plan~~

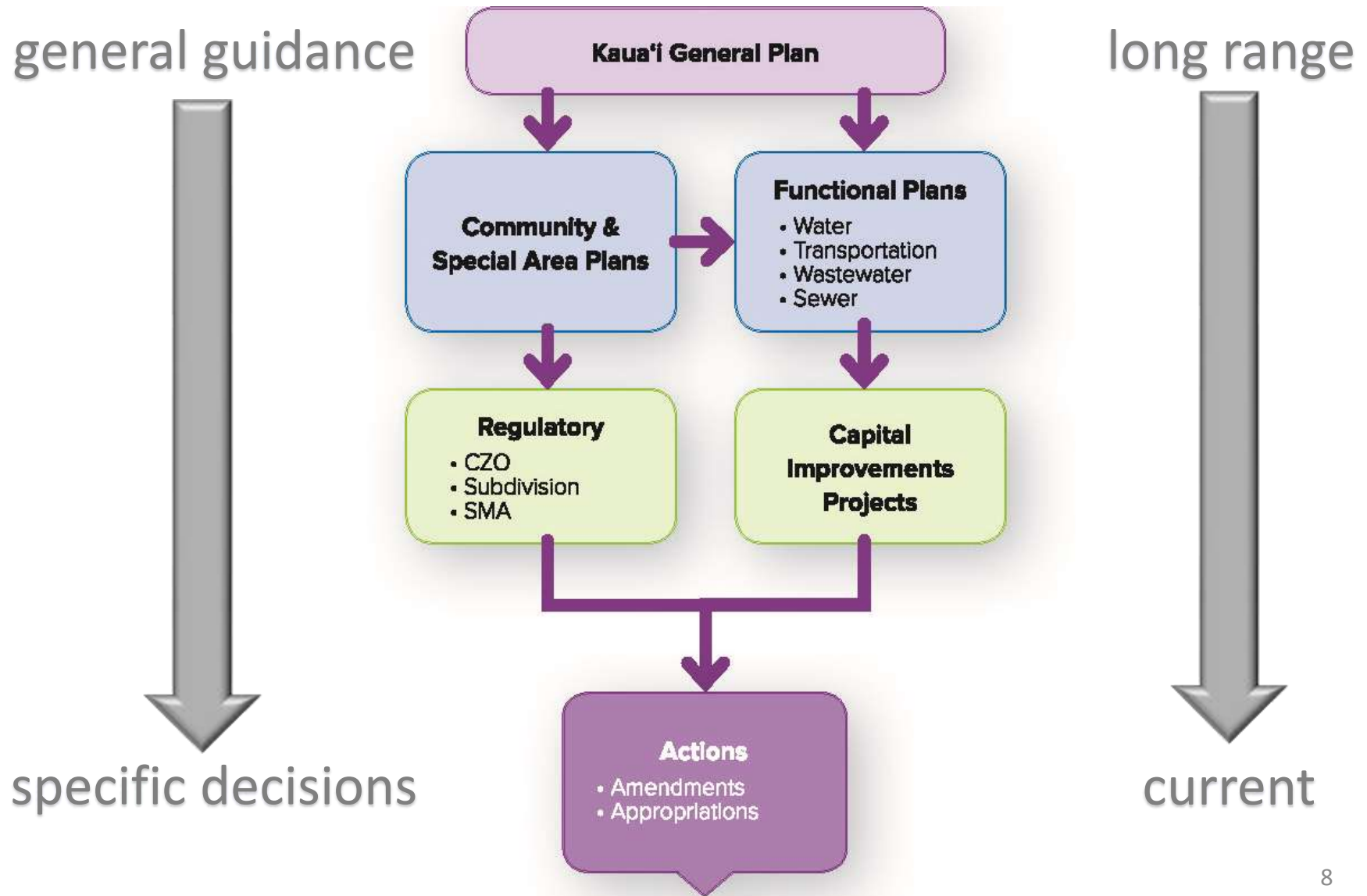
**The General Plan is not:**

~~a budget~~

~~set in  
stone~~

~~an  
entitlement~~

# A key role in our planning system



# **MANDATE**

State Law

*HRS § 226-58 (2013)*

County Charter

*Section 14.06*

Kauai County Code

*Chapter 7*



# *Opportunity!*

**Capture the hopes and concerns  
of the community**

**Confront emerging  
issues and trends**

**Educate about the  
importance of planning**

**Test and explore  
new ideas and solutions**

**Get buy-in from agencies  
and partners**





# THE PROCESS

phase I: technical studies

# Phase 1: 2012-2015

PURPOSE: To establish baseline data and inform how we plan

Socioeconomic  
Projections



Land Use  
Buildout  
Analysis



Infrastructure  
Assessment



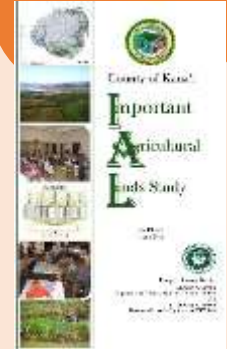
Climate Change &  
Coastal Hazards



Community  
Health



IAL



Multimodal  
Transportation  
Plan



Community  
Plan Updates



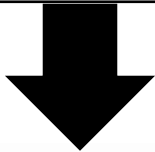
# Technical Advisory Committee

**PURPOSE:** To review the data and methodology of the technical studies supporting the General Plan Update and to ensure process is transparent.

Barbara Robeson, community representative  
Beryl Blaich, community representative  
Carl Imparato, community representative  
Dustin Moises, Water Department  
George Costa, Office of Economic Development  
Imai Aiu, Housing Agency  
Keith Nitta, former planner  
Lyle Tabata, Deputy County Engineer  
Stanford Iwamoto, State Dept. of Transportation  
Scott McCormack, Princeville Corporation  
Susan Tai Kaneko, Kauai Economic Development Board  
Tom Shigemoto, Alexander and Baldwin

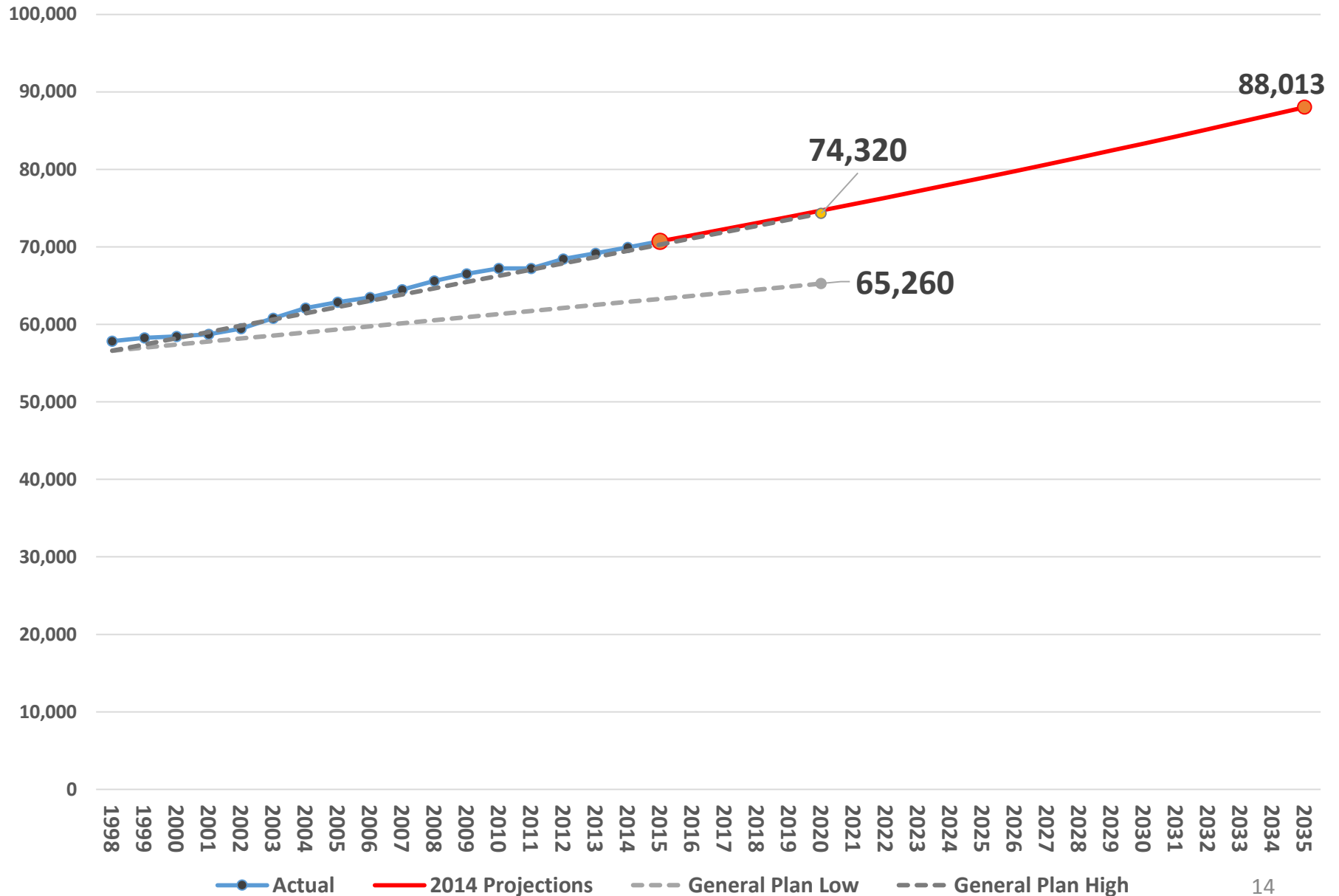
**Table 1: Kauai County 2020 Planning Projections  
(December 1999)**

<b>ADVC</b>	<b>24,000 – 28,000</b>
<b>Resident Population</b>	<b>65,260 – 74,320</b>
<b>Total Population</b>	<b>89,260 – 102,320</b>
<b>Total Jobs</b>	<b>40,370 – 45,010</b>



**“The projections are not intended to be ‘targets’ or ‘limits’ for growth... The projections will be used in forecasting land supply and infrastructure needs...”**

# Projected vs. Actual Population



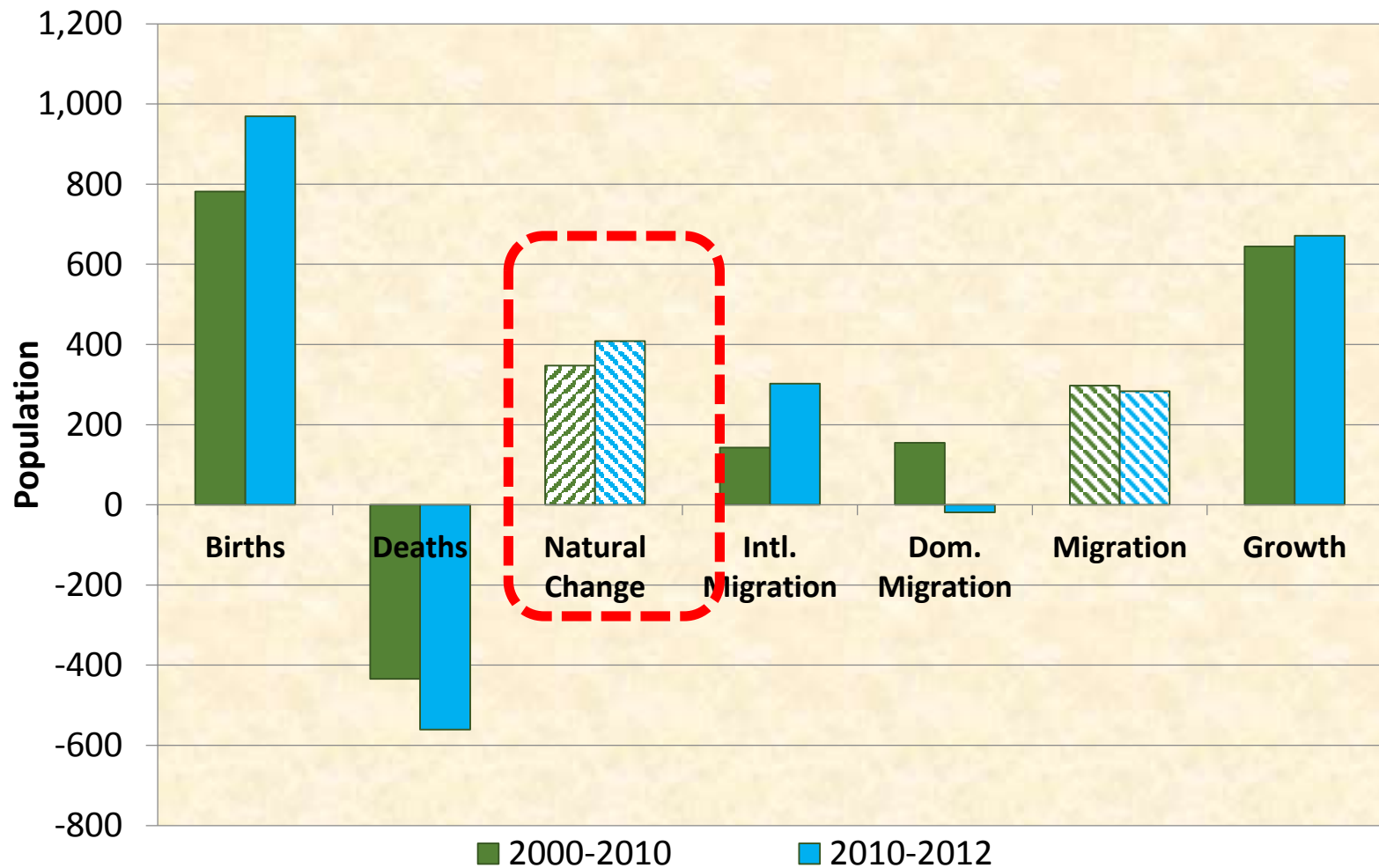


# County Wide Population (1990-2035)

	1990	2000	2010	2020	2030	2035
County of Kauaʻi	51,676	58,463	67,091	74,693	83,328	88,013
Līhuʻe	11,169	12,507	14,683	18,017	21,595	23,456
South Kauaʻi	9,600	10,545	11,696	13,623	15,737	16,855
Hanapēpē - ʻEleʻele	3,873	4,362	6,157	6,463	6,860	7,094
Waimea-Kekaha	4,698	5,660	5,561	5,901	6,323	6,566
North Shore	5,913	6,605	8,002	8,286	8,686	8,933
East Kauaʻi	16,192	18,784	20,992	22,403	24,128	25,110

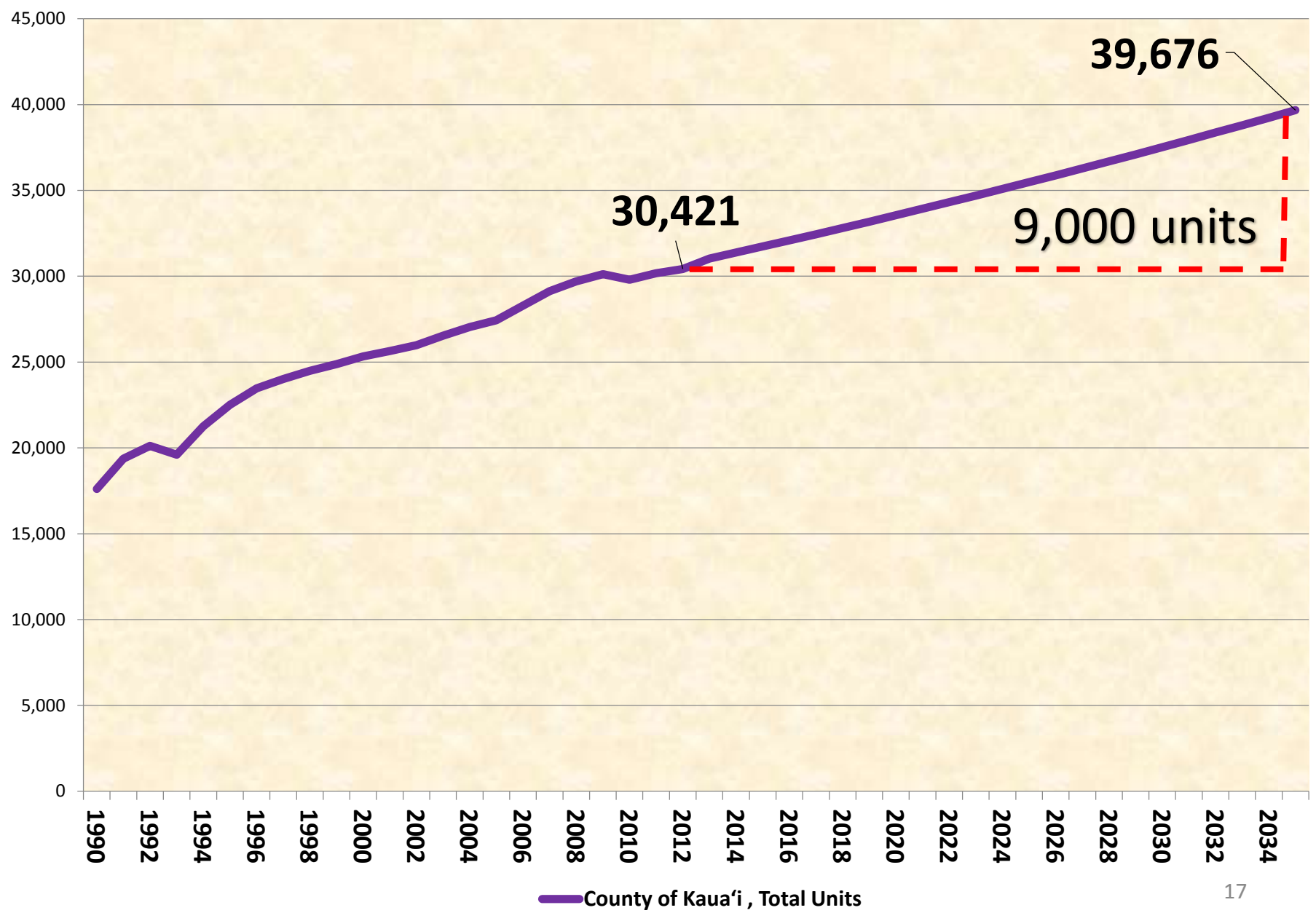
Between 2010 and 2035,  
Kauai's population is expected  
to grow by 31.2%

# Components of Population Change, 2000-2012



Bars for 2000-2010 and 2010-2012 show average change per year.

# Housing Units, 1990 - 2035



# Housing Snapshot (ACS 2014)



Households w/ mortgages

**55% pay over  
30% HH income**

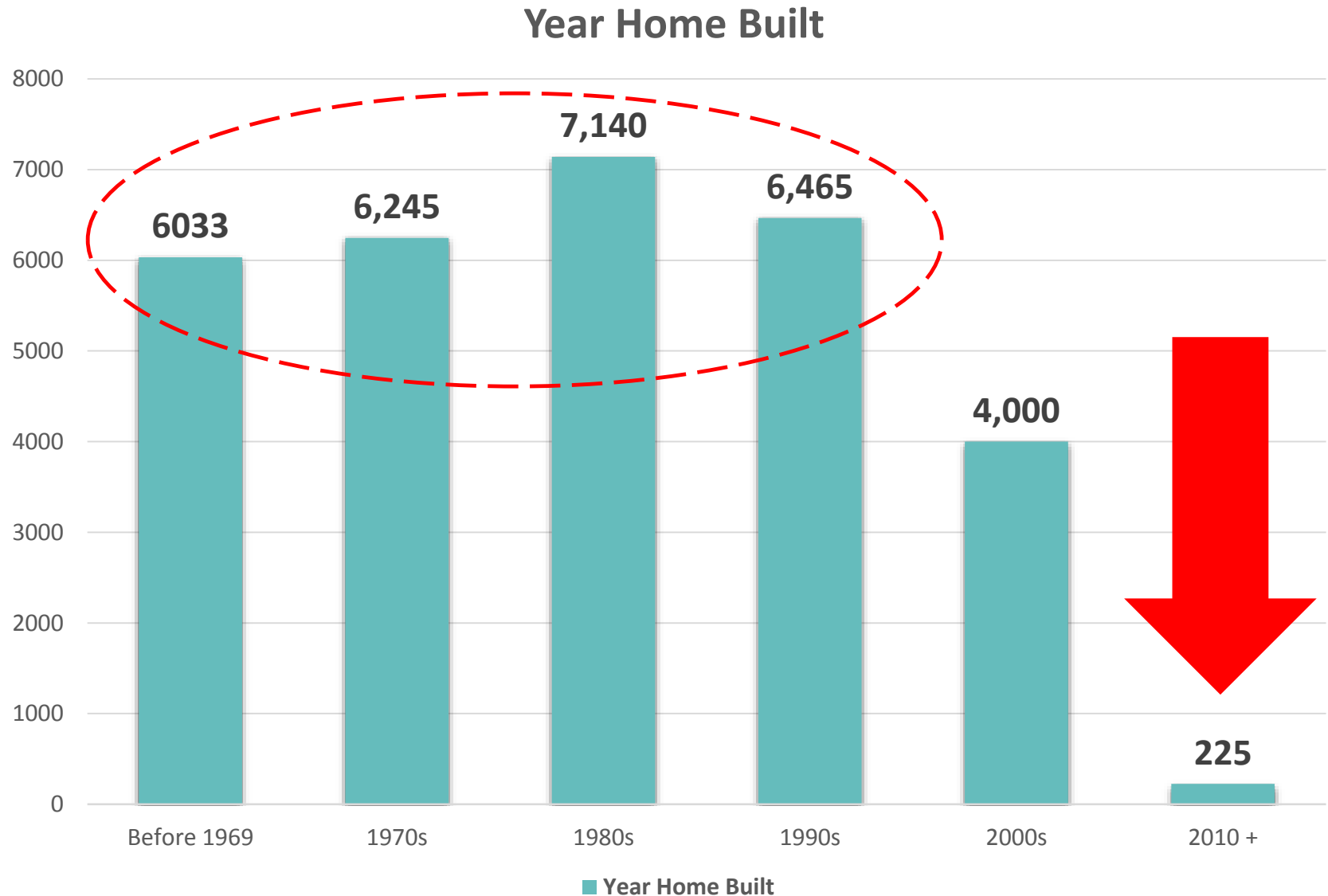


Household renting

**50% pay over  
30% HH income**

**44%**  
*all households  
cost-burdened*

# Increase in Housing Stock (occupied)\*



\*American Community Survey, 2014



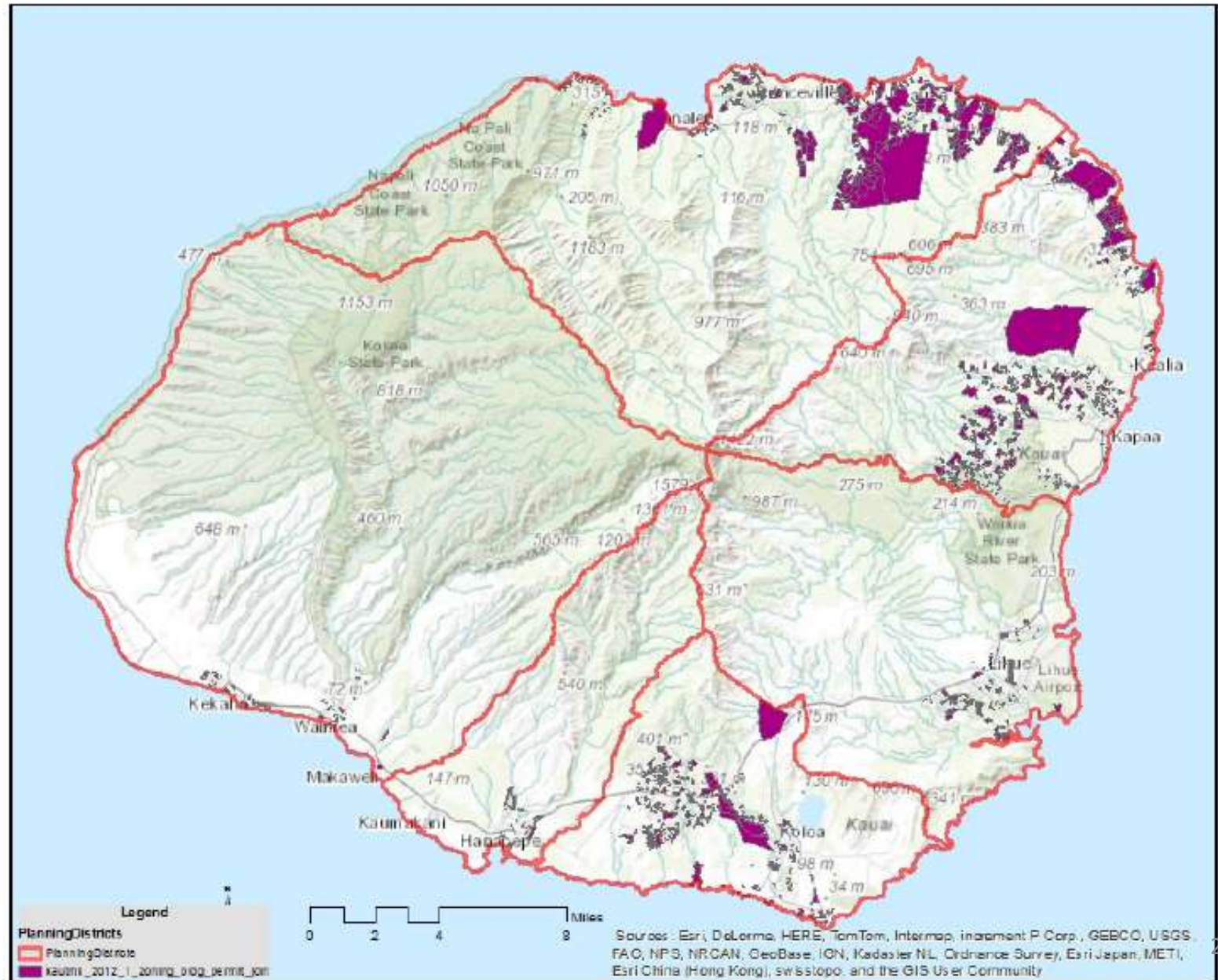
# Land Use Inventory

State Land Use District	
<b>Conservation</b>	<b>55%</b>
<b>Agriculture</b>	<b>40%</b>
<b>Urban</b>	<b>4%</b>
<b>Rural</b>	<b>1%</b>

*PBR-Hawai'i Kaua'i 2035 General Plan: Land Use  
Buildout and Analysis (2014)*

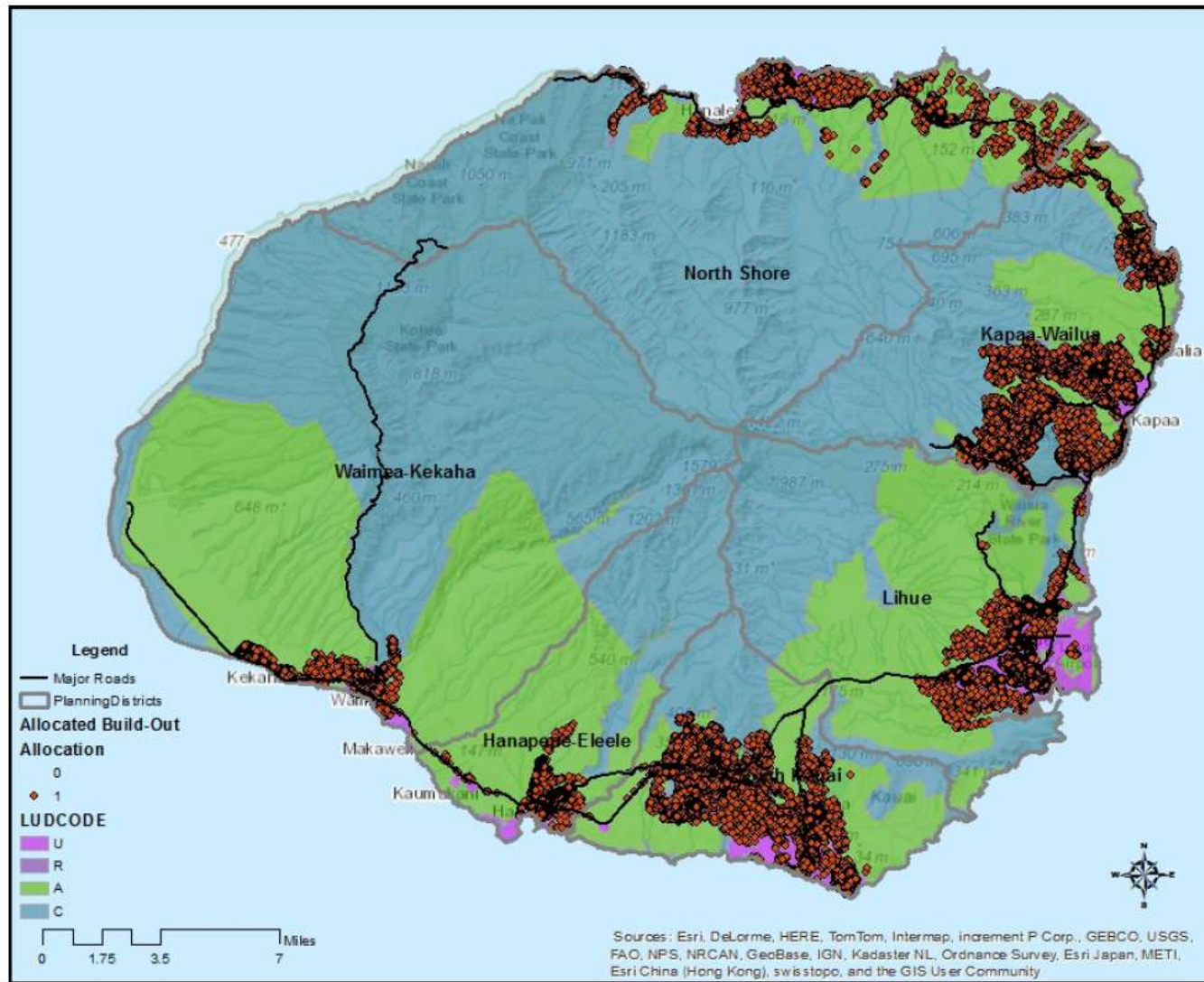
County Zoning Acreage	
Agriculture	69,972
Commercial General	555
Commercial General/ P-D	3
Commercial General/ST-P	30
Commercial Neighborhood	101
Commercial Neighborhood/P-D	15
Commercial Neighborhood/ST-P	8
Industrial General	195
Industrial General/ST-P	980
Industrial Light	139
Industrial Light/ST-P	28
Open	55,096
Project Development	23
Project Development-C	12
Project Development/ST-C	2
Residential (1 unit/acre)	500
Residential (2 unit/acre)	1060
Residential (4 unit/acre)	3050
Residential (6 unit/acre)	1660
R-6/P-D	31
R-6/ST-P	16
Residential (8 unit/acre)	170
Residential (10 unit/acre)	493
R-10/P-D	3
R-10/ST-P	7
Residential (15 unit/acre)	62
Residential (20 unit/acre)	420
Resort	3
Resort (RR-1)	120
Resort (RR-1/ST-C)	15
Resort (RR-10)	142
Resort (RR-20)	302
Resort (RR-4)	43
Special Planning Area-A	26
Special Treatment-C	11
Special Treatment-R	155

# Where we've been growing



# Build-Out Scenario: Status Quo Growth

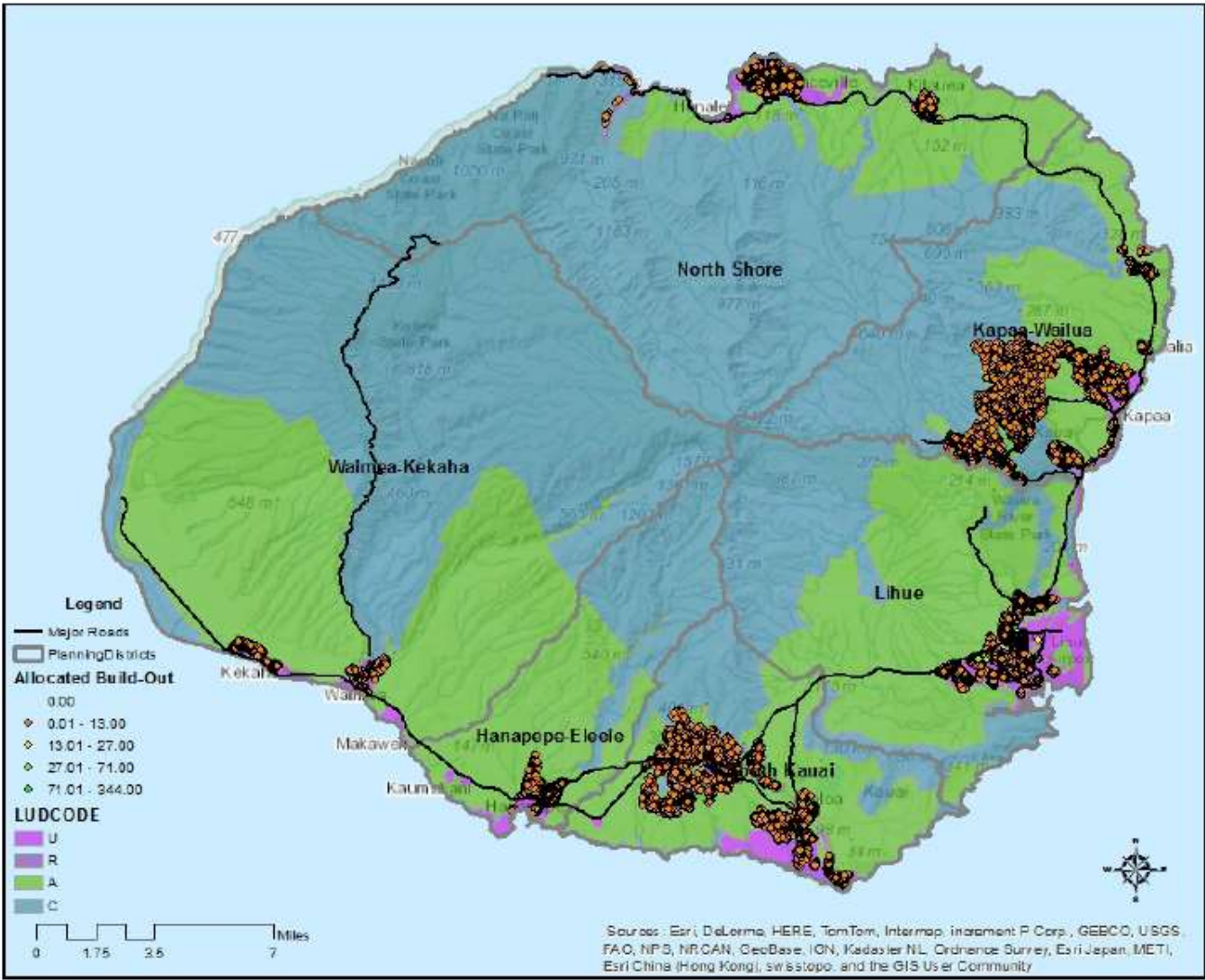
FIGURE 47. STATUS QUO SCENARIO





# Build-Out Scenario: Growth Directed to Towns

FIGURE 48. DIRECTED GROWTH SCENARIO



# The Challenge



44% all households cost-burdened

Slow inventory growth

Predominantly SFR construction

Sprawling land use pattern

Jobs/Housing Imbalance



# THE PROCESS

phase II: public process



**KAUAI**  
KAUAI COUNTY GENERAL PLAN  
**KAKOU**

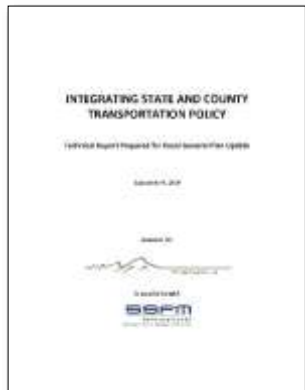
Let's #plankauai together!

facebook.com/kauaiplanning @planKauai PlanKauai.com

SUSTAINABILITY  
OPEN SPACE  
**LAND USE**  
COMMUNITY CONSERVATION  
ROADS AND TRAFFIC  
GROWTH AGRICULTURE  
**ECONOMY** INFRASTRUCTURE  
HOUSING



# White Papers and Studies



1. Updating the Vision for Kaua'i (July 2015)
2. Entitled Lands Analysis (August 2015)
3. Issues and Opportunities Paper (September 2015)
4. An In-Depth Look into Kauai's Economy (November 2015)
5. Community Place Types and Degree-of-Change Visioning Workshops (November 2015 and April 2016)
6. Adequacy of Future Infrastructure Assessment (August 2016)
7. Integrating State and County Transportation Policy (September 2016)

# Best Practices

**“Healthy Planning: An evaluation of comprehensive and sustainability plans addressing public health”**  
– 2013, APA Publications

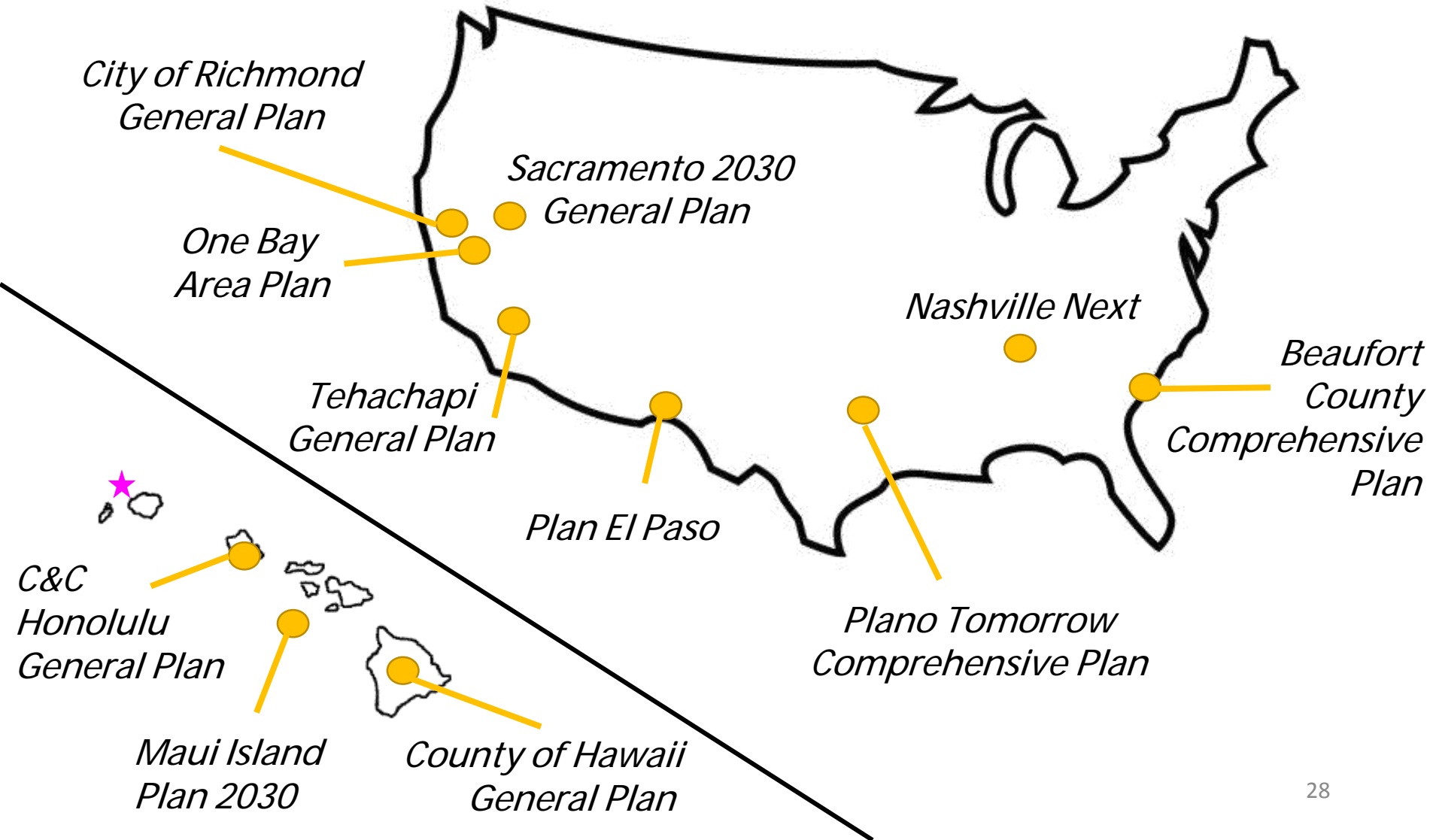
**“Sustainable Places: Best Practices for Comprehensive Plans”**  
– 2015, APA Publications

**Review of best practice land use and planning frameworks for General Plans with national experts:**

- *Opticos Design (internal workshop, 2015)*
- *Raimi + Associates (2 workshops, 2016)*

**“Memorandum: Kaua’i General Plan Update: Implementation and Monitoring Best Practices and Considerations”**  
– 2016, SSFM International

# General Plans that inspired us!

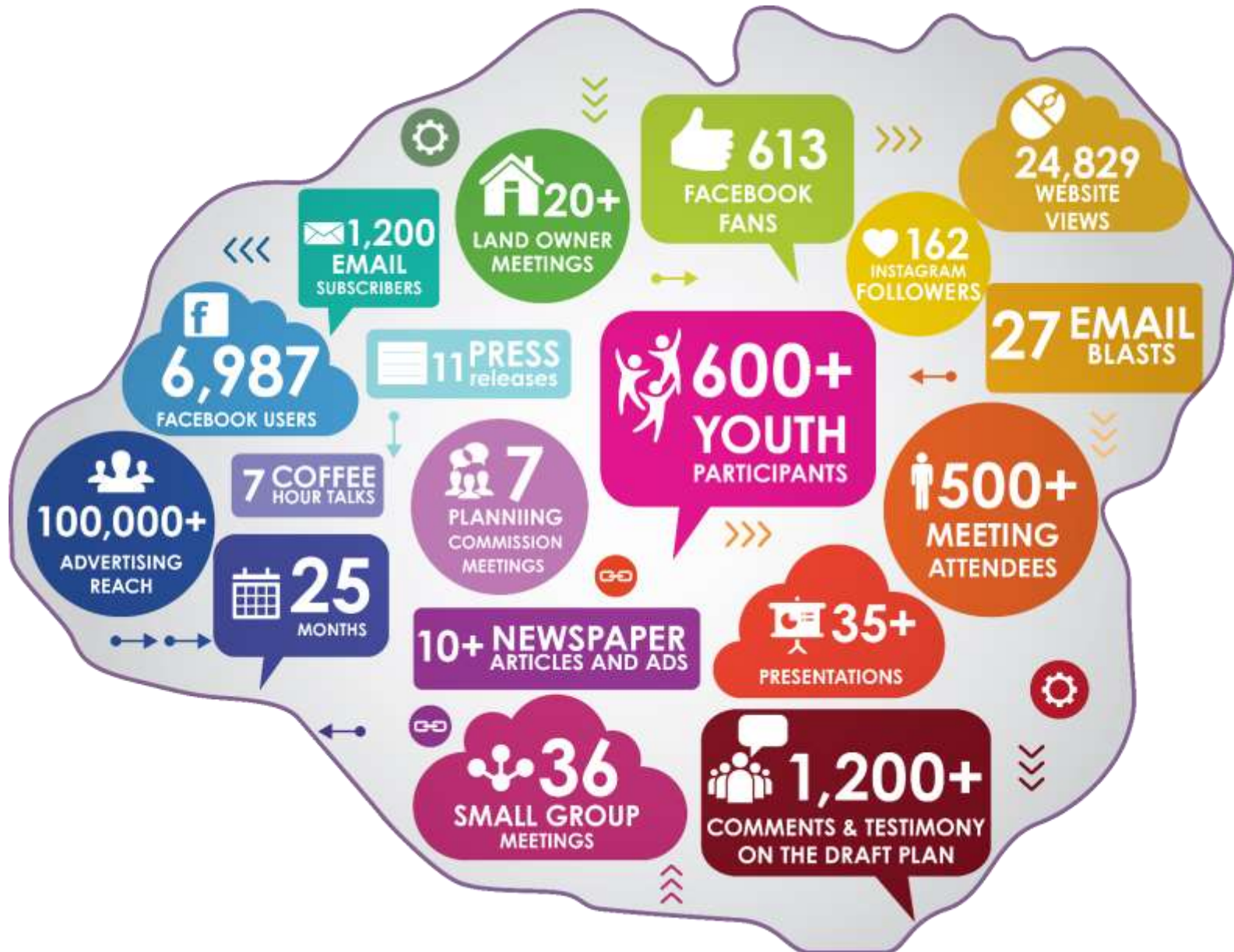




# The Public Process

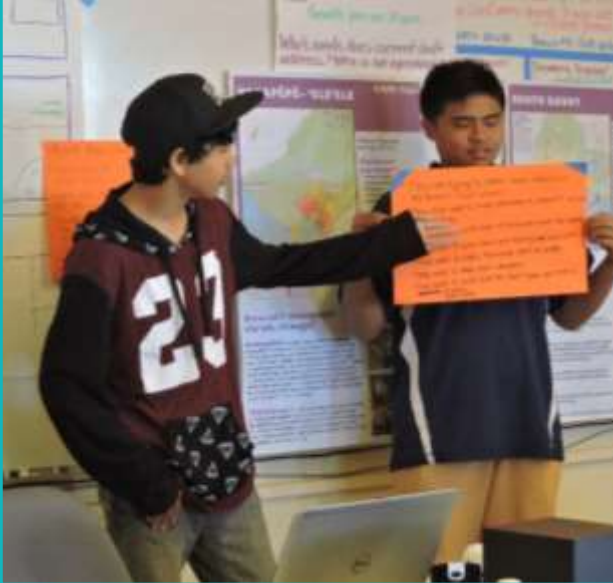


# By the numbers...




























# A plan for and by the people...





# ...with multiple opportunities to give input!

	 Digital Platforms	 Youth Outreach	Neighborhood Associations	 Pop-Up Events	Community Organizations	 Place Type Workshops/ Walking Tours	 Open House Meetings	Agency Consultation	Landowner Outreach
<b>2015</b>									
Visioning									
<b>2016</b>									
Discussion Draft									

# Digital Platforms



# Youth Engagement



**Elementary  
School**



**Middle  
School**

**New**



**High  
School**

**New**



**College**

# Waimea High School



☐ I generally support this, but it's missing:

I am from the west side of Kauai (Kekaha) and I would like to see more resources for west side residents for example gas stations, grocery stores, things to do. Make it a little more developed.



# Kaua'i High School



I generally support this, but it's missing:

Its too much money to build new roads so  
we should maintain and repair the roads we  
have already.

# Kapa'a High School



## Other thoughts:

- Creating more opportunities for people to have transportation  
↳ shuttles, monorail, uber!
- More housing options for local natives, rather than private homes & empty vacation rentals.
- Apartment style homes on top of businesses to increase housing options.



The image shows two individuals, a man and a woman, engaged in a community meeting or public consultation. They are standing in front of a wall covered with large, colorful posters from the Kauai County Department of Planning. The posters are titled 'KAUAI KĀKOU' and cover various topics related to the county's general plan and policies. The man, wearing a black t-shirt, is pointing at a map on the 'TRANSPORTATION' poster. The woman, wearing a floral dress, is looking at the 'HEALTHY AND EQUITABLE COMMUNITIES' poster. The posters are arranged in a grid-like fashion, with some overlapping. The background shows wooden shelves with various items, including books and decorative objects. The overall atmosphere is one of public engagement and community involvement in the planning process.

**KAUAI KĀKOU**  
What is the General Plan?  
The Kauai County General Plan is the top-level policy document that guides how we grow responsibly. Through the public process, we have developed a shared vision and goals for the future.  
The Vision and Goals informed the development of twenty policies to set the County's direction. Actions are identified to implement the policies.  
Public Process (as of August 2016)  
Thousands have participated in the General Plan Process. Input directly informed the development of the Vision, Goals, Policies, and Actions.  
Key Realities  
Reduce the cost of living  
Build a balanced transportation system  
Address Waipua Kape's traffic  
Implement Through...

**TRANSPORTATION**  
Key Realities  
What people on Kauai want is an ability to get around...  
Implement Through...

**HEALTHY AND EQUITABLE COMMUNITIES**  
Key Realities  
Where all of our communities have the same opportunities...  
Policies  
Design Healthy and Complete Neighborhoods  
Protect Native Hawaiian Rights and Wāhi Puna  
Protect Access to Kauai's Treasured Places  
Restore Our Kule  
Restore Our Ekapuni  
Implement Through...

**CLIMATE RESILIENCE**  
Policies  
Complete Kauai's shift to...  
Implement Through...

**KAUAI KĀKOU**  
The 2010 Kauai General Plan continues the process of...  
The plan is available to the General Plan Process...  
in the spirit of "the thinking" the General Plan describes...  
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**WATERWAYS**  
The 2010 Kauai General Plan continues the process of...  
The plan is available to the General Plan Process...  
in the spirit of "the thinking" the General Plan describes...  
The plan is available to the General Plan Process...  
in the spirit of "the thinking" the General Plan describes...

**ECONOMY**  
The 2010 Kauai General Plan continues the process of...  
The plan is available to the General Plan Process...  
in the spirit of "the thinking" the General Plan describes...  
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in the spirit of "the thinking" the General Plan describes...

**RECREATION**  
The 2010 Kauai General Plan continues the process of...  
The plan is available to the General Plan Process...  
in the spirit of "the thinking" the General Plan describes...  
The plan is available to the General Plan Process...  
in the spirit of "the thinking" the General Plan describes...

**ENERGY SUSTAINABILITY**  
The 2010 Kauai General Plan continues the process of...  
The plan is available to the General Plan Process...  
in the spirit of "the thinking" the General Plan describes...  
The plan is available to the General Plan Process...  
in the spirit of "the thinking" the General Plan describes...

**CRITICAL INFRASTRUCTURE**  
The 2010 Kauai General Plan continues the process of...  
The plan is available to the General Plan Process...  
in the spirit of "the thinking" the General Plan describes...  
The plan is available to the General Plan Process...  
in the spirit of "the thinking" the General Plan describes...

**VISION, GOALS, POLICIES**  
KAUAI KĀKOU

[illegible][illegible]

Vision, Goals  
Policies  
38  
KALIA



# Pop-Up Week



Līhu'e Civic Center

Farm Fair

Bike Path

Art Night

Parks

Farmers Markets

Library

Coffee Shops

# Place Typing Workshops & Tours

North Shore



Waimea- Kekaha



Hanapēpē - Eleele



East Kaua'i





# Waimea- Kekaha (Nov. 2015)



# Hanapēpē- ‘Ele‘ele (Nov. 2015)





# North Shore (Nov. 2015)

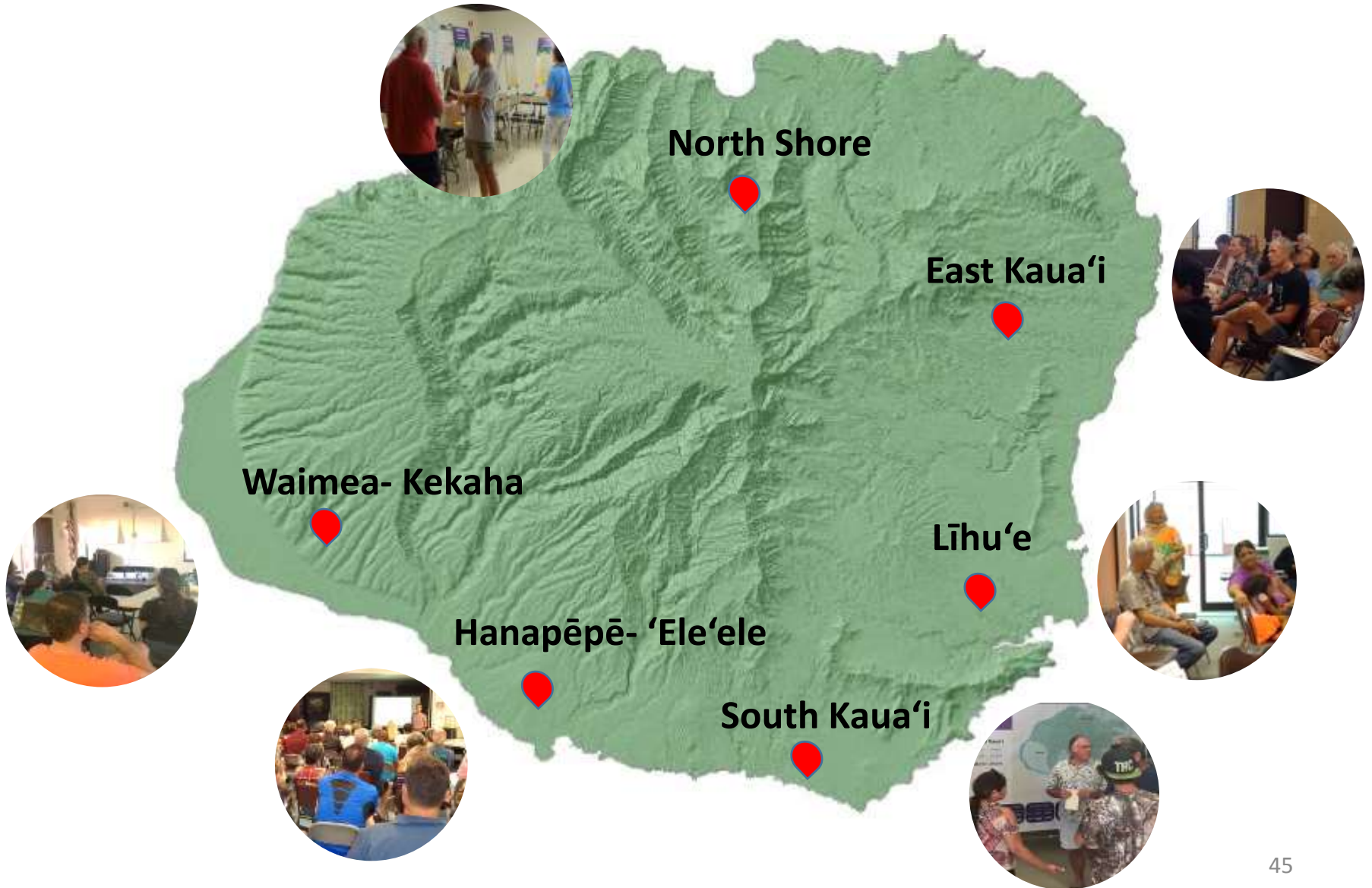


# East Kaua'i (April 2016)





# Community Meetings





# Waimea- Kekaha Meetings





# Hanapēpē- ‘Ele‘ele Meetings





# South Kaua'i Meetings



# Līhu'e Meetings





# East Kaua'i Meetings





# North Shore Meetings



# CITIZENS ADVISORY COMMITTEE



**Bill Arakaki**

**Kurt Bosshard**

**Bev Brody**

**Helen Cox**

**Luke Evslin**

**Robert Farias, Sr.**

**Randall Francisco**

**Laurie Ho**

**Brenda Jose**

**Sue Kanoho**

**Cammie Matsumoto**

**Mark Oyama**

**Gary Pacheco**

**Barbara Robeson**

**Tom Shigemoto**

**Stacy Sproat-Beck**

**Susan Tai Kaneko**

# CAC Meeting Topics



## 2015 Topics

- Demographics
- Socioeconomic Data
- Vision
- Place Typing
- Form Based Code
- Land Use Buildout
- 2000 General Plan
- Natural Resources
- Cultural Resources
- Economic Development

## 2016 Topics

- Infrastructure
- Tourism
- Agriculture
- Transportation
- Housing
- Land Use Map
- Policies
- Actions by Sector
- Implementation



# Planning Commission (2017)



Jan. 14

Feb. 28

Mar. 14

Mar. 28

April 25

April 27

May 23

June 13

1

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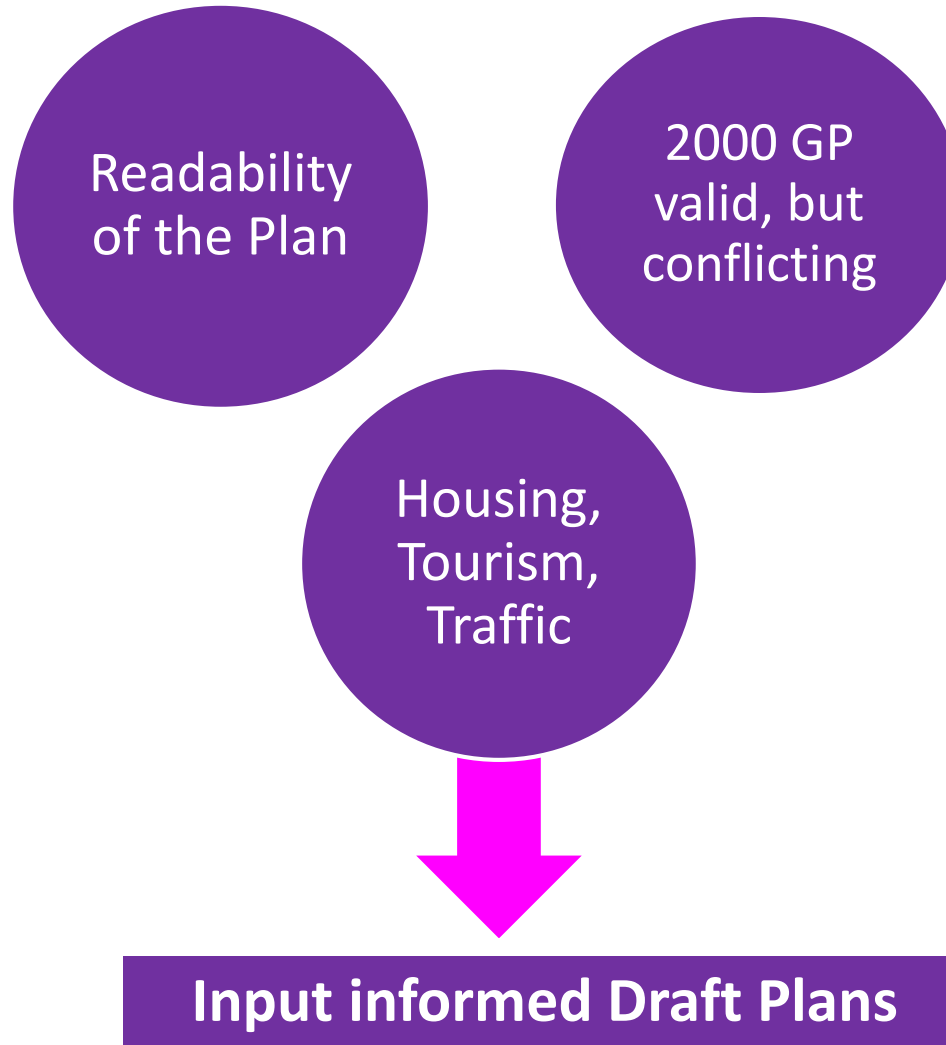
8

Departmental Draft

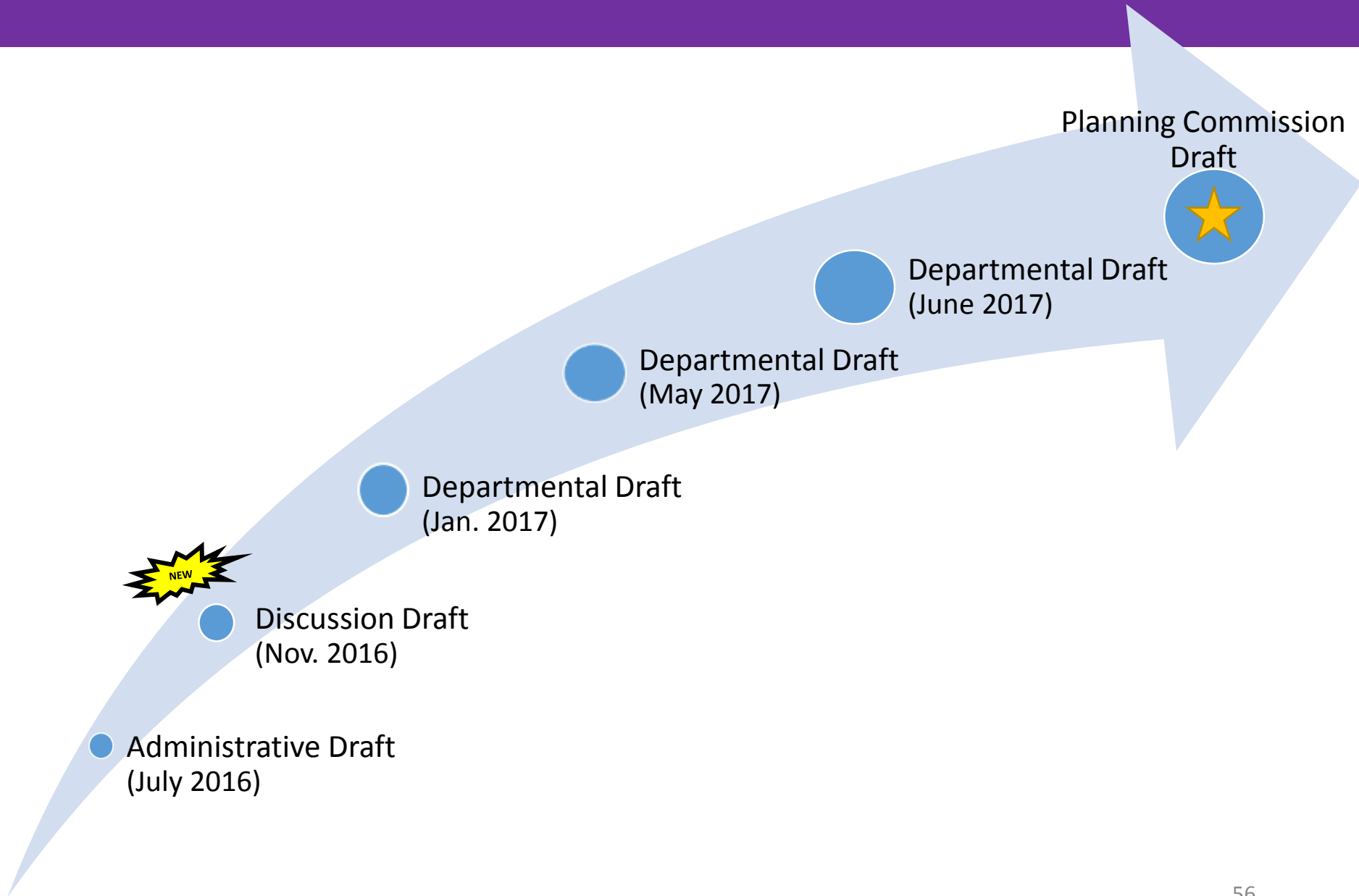
Planning Commission Draft



# Public Concerns

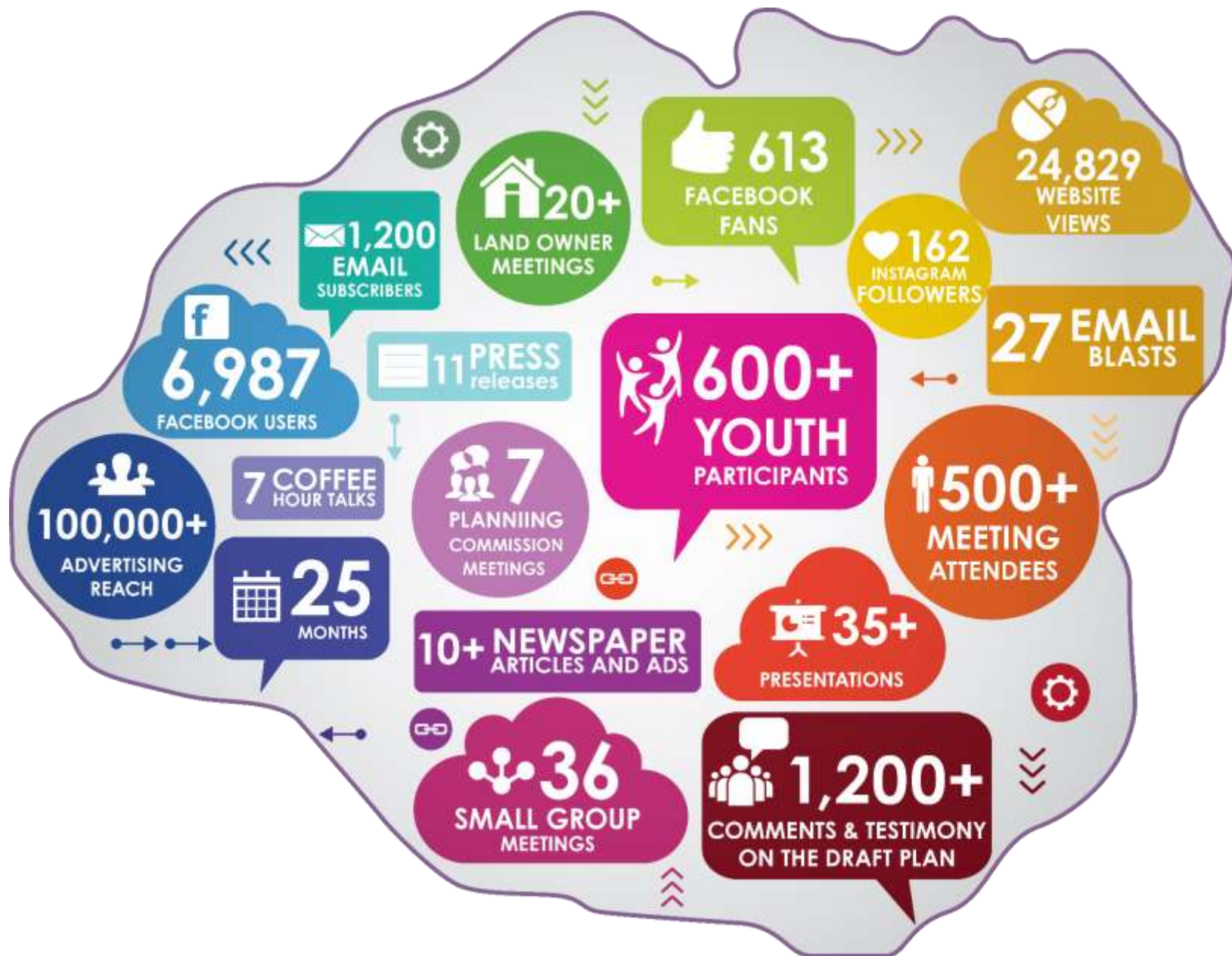


# The Draft Plans



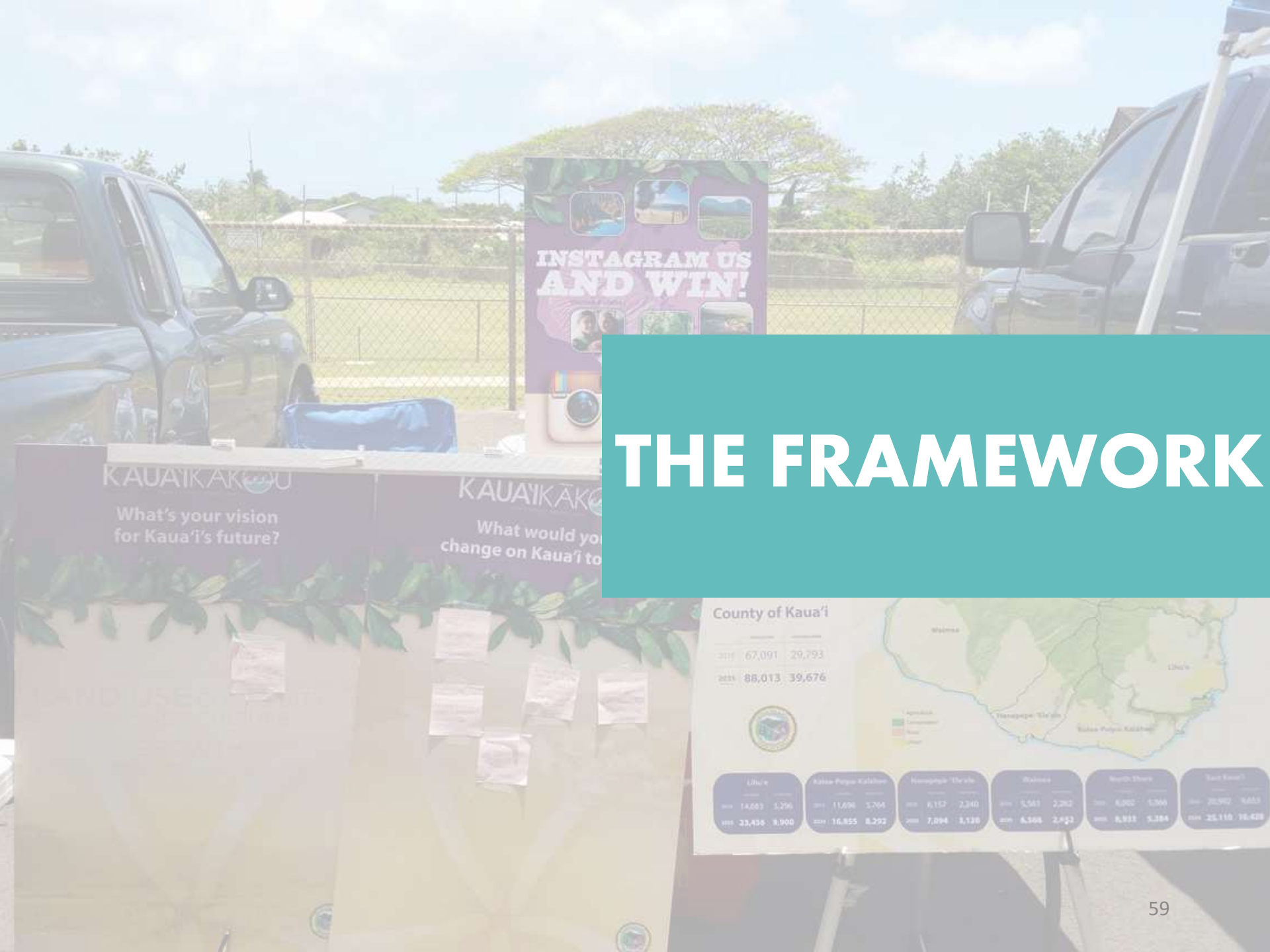
# The Draft Plans

Draft	Date	Description
Administrative Draft	July 2016	Internal Draft Integrates baseline information
Discussion Draft	November 2016	<b><u>NEW!</u></b> Public Comment Period
Departmental Draft	January 2016	Incorporated feedback from Public Comment Period on Discussion Draft
Departmental Draft	May 2017	Per Planning Commission's Request
Departmental Draft	June 2017	Per Planning Commission's Request
Planning Commission Draft	August 2017	Incorporates all amendments approved by Planning Commission.





# THE FRAMEWORK



## County of Kaua'i

2015	67,091	29,793
2018	88,013	39,676



Lihue	Kapaemahu	Hanalei	Waimea	South Shore	East Kaua'i
2015 14,683 5,296	2015 11,696 5,764	2015 6,152 2,240	2015 5,541 2,262	2015 6,902 5,366	2015 20,992 9,655
2018 23,434 8,900	2018 16,855 8,292	2018 7,094 5,138	2018 6,368 2,452	2018 8,935 5,384	2018 25,110 10,428

# Balancing Goals



## GOAL #1: A SUSTAINABLE ISLAND

Sustainability means growing responsibly to meet the needs of current and future generations without depleting important resources.



## GOAL #2: A UNIQUE AND BEAUTIFUL PLACE

Kaua'i's people share responsibility, or kuleana, to care for and protect treasured resources, traditions, and qualities of the natural, built, and human environment.



## GOAL #3: A HEALTHY AND RESILIENT PEOPLE

We seek to increase the resilience and vitality of Kaua'i's communities and promote better health outcomes through improving the natural, built, and social environment.



## GOAL #4: AN EQUITABLE PLACE, WITH OPPORTUNITY FOR ALL

We aim to foster diverse and equitable communities with vibrant economies, access to jobs and housing, and a high quality of life.







Manage Growth to  
Preserve Rural  
Character



Provide Local  
Housing



Recognize the  
Identity of Kaua'i's  
Individual Towns and  
Districts



Design Healthy  
and Complete  
Neighborhoods



Make Strategic  
Infrastructure  
Investments



Reduce the  
Cost of Living



Build a Balanced  
Transportation  
System



Protect Kaua'i's  
Scenic Beauty



Uphold Kaua'i as  
a Unique Visitor  
Destination



Help Business  
Thrive



Help Agricultural  
Lands Be Productive



Protect Our  
Watersheds



Complete  
Kaua'i's Shift to  
Clean Energy



Prepare for  
Climate Change



Respect Native  
Hawaiian Rights  
and Wahi Pana



Protect Access  
to Kaua'i's  
Treasured Places



Nurture Our Keiki



Honor Our Kūpuna



Communicate  
with Aloha

# Community Survey on Draft Policies

## Online Survey



1,018 Responses

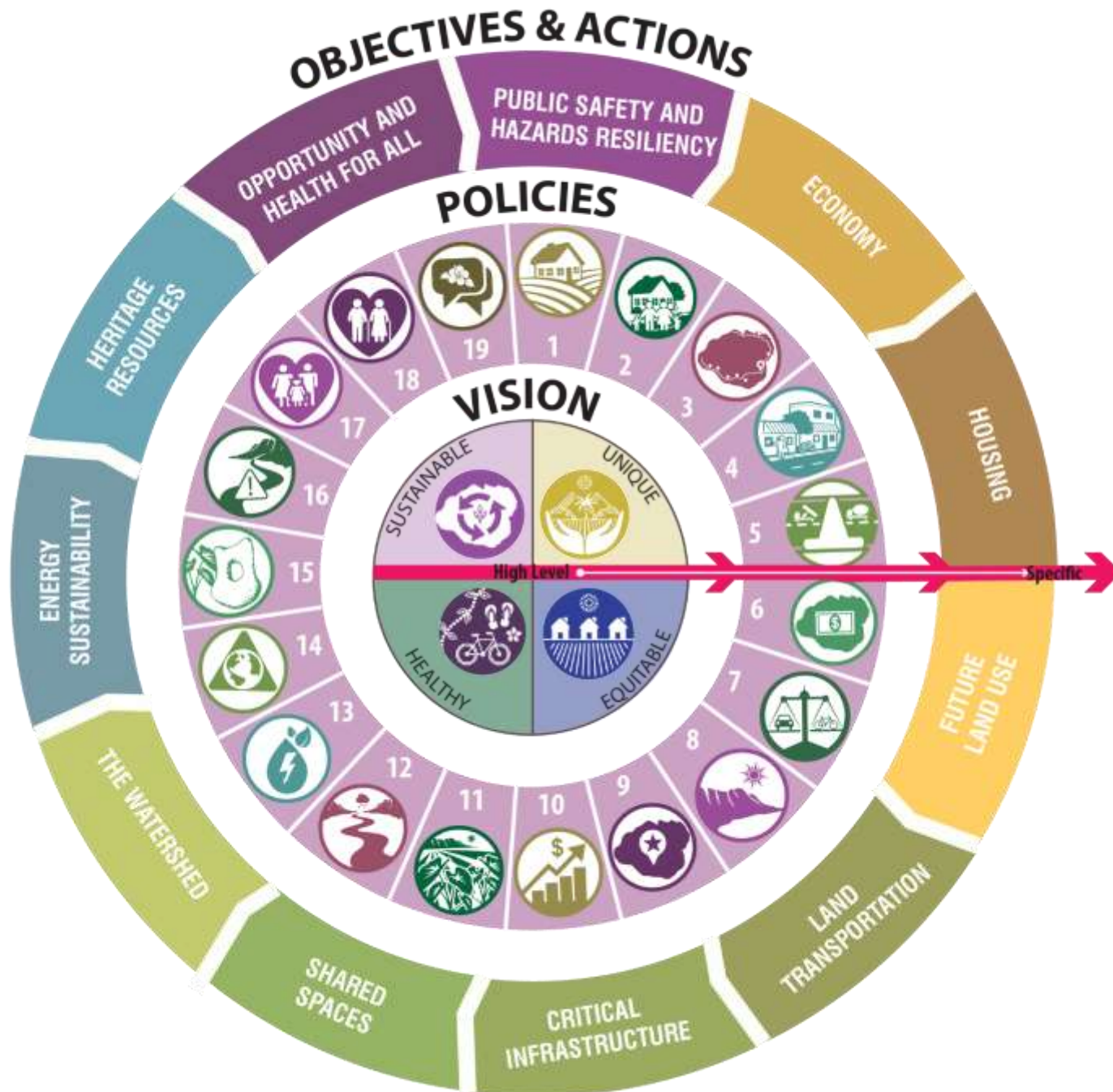
### Geographic Location:

East Kaua'i: 327 (33.4%)  
South Kaua'i: 192 (19.6%)  
Līhu'e: 169 (17.3%)  
North Shore: 160 (16.4%)  
Waimea-Kekaha 56 (5.7%)  
Hanapēpē-'Ele'ele: 55 (5.6%)

### Demographics:

- 6:4 ratio of Women:Men
- Age Breakdown:
  - 50-65 (35.2%)
  - 35-49 (26%)
- Years of residence:
  - 10+ years (47.4%)
  - Born on Kaua'i (28.1%)

Figure 1-2 General Plan Framework







# Sectors & Actions Overview

# Sector Topics

## 3.0 Actions By Sector

---

- I. The Watershed
- II. Housing
- III. Land Transportation
- IV. Critical Infrastructure
- V. Shared Spaces
- VI. Economy
- VII. Heritage Resources
- VIII. Energy Sustainability
- IX. Public Safety & Hazards Resiliency
- X. Opportunity & Health for All

# How Sectors Relate to Goals

Sectors	<b>SUSTAINABILITY</b> Growing Responsibly	<b>STEWARDSHIP</b> Protecting Kaua'i's Unique Beauty	<b>HEALTH &amp; RESILIENCE</b> Strengthening Communities	<b>OPPORTUNITY</b> Promoting Diversity & Equity
<b>The Watershed</b>	Ensure use and enjoyment of resources without depletion.	Protect natural, historic, and cultural resources in perpetuity.	Protect resources and traditions that promote self-sufficiency.	Promote equal access to natural areas and recreation.
<b>Housing</b>	Provide housing to accommodate growth within and near town centers.	Prevent housing sprawl into Open and Agricultural lands.	Provide housing for multigenerational families and aging in place.	Ensure affordable housing is provided in proximity to job centers.
<b>Transportation</b>	Promote multimodal shifts to reduce costs.	Decrease vehicle miles traveled to reduce carbon emissions.	Provide connectivity and safe routes to walk or bike to parks and schools.	Promote equal access to transportation.
<b>Infrastructure &amp; Services</b>	Provide adequate infrastructure to accommodate growth.	Preserve natural areas by concentrating growth and services in existing developed areas.	Provide equitable access to safe and sanitary services and facilities.	Ensure low-income communities have adequate facilities and services.
<b>Shared Spaces</b>	Provide adequate park facilities for resident and visitor enjoyment.	Protect popular destinations from deterioration and overuse.	Provide a diversity of facilities that support active lifestyles.	Increase access to parks and recreation in all neighborhoods.
<b>Economy</b>	Promote economic diversification.	Protect high-quality agricultural lands from development.	Partner to enhance education and employment opportunities.	Provide infrastructure to strengthen and grow small business.
<b>Heritage Resources</b>	Encourage preservation and restoration of historic structures and features in Kaua'i's town centers.	Preserve and protect the integrity of special places for current and future generations.	Preserve access to wahi pana for traditional cultural practices.	Celebrate the cultural and historic features that represent Kaua'i's diverse cultural influences.
<b>Energy Sustainability</b>	Reduce fossil fuels and transition to renewables.	Encourage use of alternative fuel sources.	Promote clean energy from non-harmful sources.	Explore solutions to reduce energy costs to residents.
<b>Public Safety &amp; Hazards Resiliency</b>	Protect or relocate assets, develop outside hazard areas, and reduce greenhouse gas emissions.	Identify and protect those resources vulnerable to climate change.	Strengthen preparedness, response, and recovery to hazards and climate change.	Increase and diversify food grown and consumed on island.
<b>Opportunity &amp; Health for All</b>	Foster shared responsibility for sustainable choices.	Protect residents' access to shoreline and recreational areas.	Improve health aspects of natural and built landscapes.	Ensure widespread access to health care, education, and services.

**CROSS-CUTTING**



# How Sectors Relate to Policies

4. Enhance parks by making them more conducive to physical activity through shared use paths, play equipment for more than one age group, skate parks, disc golf, tennis facilities, and other improvements.
5. Promote social interaction through facility improvements, such as pavilions, shade trees, and seating.
6. Expand indoor recreation spaces at selected parks.
7. Develop prototype designs for new facilities such as restrooms and pavilions in order to shorten design and implementation times, and standardize repair and maintenance.
8. Ensure safety and cleanliness at Kaua'i's beach parks. Use Crime Prevention through Environmental Design (CPTED) when planning improvements.
9. Address illegal camping in parks.
10. Provide accessibility features at popular facilities such as beach parks.
11. Develop and install uniform signage, including interpretive signage that promotes a sense of place and educates the public at County beach parks regarding sensitive coastal and marine ecosystems and wildlife.
12. Provide canopy trees and shading at regional parks, such as over unshaded bleachers, to guard against heatstroke and other heat hazards, especially during football, baseball, and soccer seasons.

## D. PARTNERSHIP NEEDS

1. Expand the County's park stewardship agreement program.
2. Explore alternative sources of funding for priority park improvements, such as crowdfunding and community initiatives or collaborations.
3. Implement programs for beach and dune restoration, especially at beach parks experiencing erosion such as Po'ipū Beach Park.

## 3. LINEAR PARKS AND TRAILS

**Pedestrian and biking paths and trails are special public recreational assets. They offer a scenic and safe refuge from traffic and development, allowing residents and visitors to experience Kaua'i's natural environment. Trails are identified in the Heritage Resource Maps in Chapter 5.**

**Objective: To expand and improve access to Kaua'i's shared use paths and trails.**



### 3.1 Extending Kaua'i's Shared Use Path Network

Shared use paths, often located within a linear park, are separated from roads and provide a safe environment for pedestrians and cyclists of all ages. Benefits of shared use paths include lessening dependence on fossil fuels, improving community health, increasing public access, and providing economic development opportunities. Since the last General Plan, the County has constructed over eight miles of shared use path along the Kapa'e-Wailua Coast, also known as Ka Ala Hele Makalae. In addition to allowing residents and visitors to enjoy an uninterrupted traverse of the coastline or open space, shared use paths increase travel choice by providing important non-vehicular connections between towns or nodes of activity. Based on the success of Ka Ala Hele Makalae, other paths have been planned for the North Shore, South Kaua'i, and Waimea-Keleha.

### 3.2 Increasing Recreational Opportunities through Trails

Kaua'i's people have a long tradition of using trails for subsistence activities in the mountains and along the coast. Today, trails are an invaluable resource providing access not only to recreation, but to experience cultural history, hunting game animals, managing natural resources, and suppressing wildfires. The majority of Kaua'i's public and signed trails are maintained through the State - either State Parks or the Nā Ala Hele Program. The Nā Ala Hele

## KAUAIKAKOU

Countdown to 2030



Act with the understanding that forests, biodiversity, and water resources are fragile and interconnected. Restore and protect our watershed from mauka to makai.



Protect the island's natural beauty by preserving the open space and views between towns.



Perpetuate traditional Native Hawaiian rights and protect public trust resources and cultural sites in all land use development and activities.



Protect access to and customary use of shoreline areas, trails, and places for religious and cultural observances, fishing, gathering, hunting and recreational activities, such as hiking and surfing.



Create and foster thriving commercial areas in Town Centers through improved infrastructure, civic space, streetscapes, updated zoning standards, and streamlined approval processes.



Support economic Diversification and access to locally produced food by increasing the productivity and profitability of all forms of agriculture. Nurture small-scale farms, promote crop diversity, and form stronger public/private partnerships with farmers.



Protect the identity of Kaua'i's visitor industry by focusing on revitalization and limiting new resort growth only to existing Visitor Destination Areas. Reduce visitors' impacts on infrastructure and communities.



Preserve Kaua'i's rural character by limiting the supply of developable land to an amount adequate for future needs. Prohibit development not adjacent to towns. Ensure new development occurs inside growth boundaries and is compact and walkable.



Kaua'i's towns and planning districts are distinct, each with its own character, opportunities, and needs. This uniqueness must be celebrated, protected in Community Plans, and reinforced in development standards.



Ensure new and existing neighborhoods have safe roads and functional parks, as well as access to jobs, commerce, transit, and public services.



Reduce the combined cost of housing and transportation, which consume more than 30% of the average household income. Do this by connecting jobs and providing a diversity of housing types and affordable transportation options.



Increase the amount of housing available for local households by focusing infrastructure improvements in growth areas. Eliminate onerous regulatory barriers and form active public-private partnerships.



New government investment should support growth areas and include priority projects as identified in Community Plans.



Manage future congestion conditions in the major growth areas of Lihue and South Kaua'i through strategic infrastructure improvements and increased multimodal transportation options.



Mitigate Climate Change and reduce system-wide carbon emissions by at least 50% by 2050 through deep reductions in energy use and by transforming electricity, transportation, and infrastructure systems toward the use of clean energy.



Improve traffic conditions along Wailua-Kapa'e corridor by implementing capacity and congestion management projects, including network and intersection improvements, and through careful management of residential growth of the Wailua Bridge.



Prepare for impacts to the island economy, food systems, and infrastructure that will be caused by Climate Change.



Value youth as Kaua'i's most treasured resource. Provide them with safe communities, great schools and facilities, and financially sustainable jobs, housing, and transportation opportunities so they are able to seek livelihoods on Kaua'i.



Prepare for the aging of Kaua'i's population through housing, services, and facility improvements that meet the needs of elderly households.

# 4 Types of Actions

## Permitting & Code Changes

Recommends new development standards or amendments to existing standards.



## Plans & Studies

Recommends new plans and studies or to update existing plans and studies.



## Projects & Programs

Identifies new County programs and capital projects and provides guidance for project selection, design and funding.



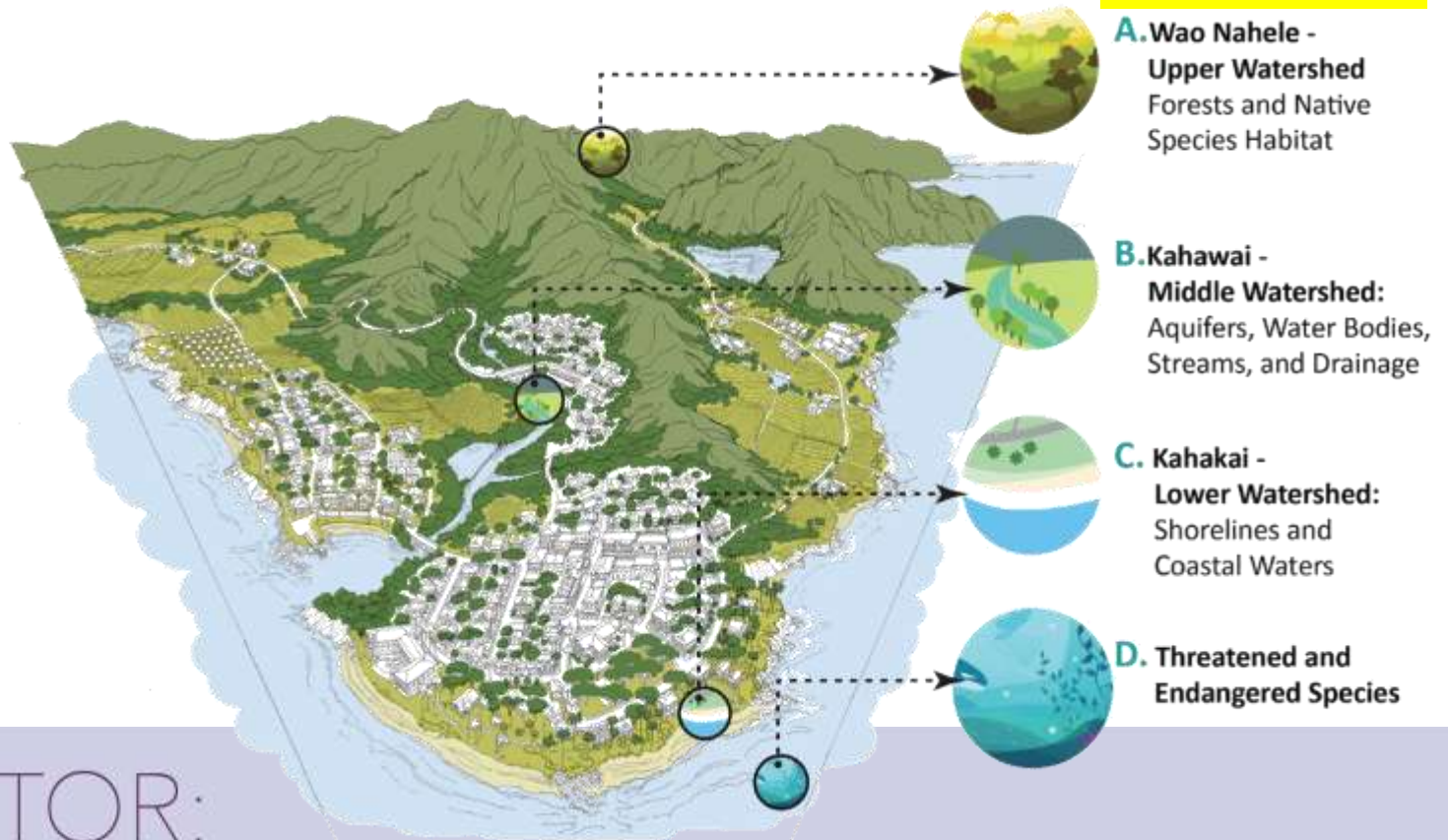
## Partnership Needs

Identifies actions that State, federal, or private/non-profit partners can spearhead and move forward.





## Subsector Sections



## SECTOR:

### I. THE WATERSHED

Kaua'i's 66 watersheds convey rainwater from mauka to makai and replenish aquifers along the way. This water flow has shaped Kaua'i over six million years, sculpting the Na Pali Coast and Waimea Canyon while creating the coastal plains where human settlement occurs. The health of the watershed, from ridge to reef, makes all life possible. Yet our island's watersheds are fragile and under threat from human activities, invasive species, and climate change.





Affordable housing development, Hanamā'ulu, Līhu'e District



Kalāheo (pictometry)



## 5. HAWAIIAN HOME LANDS

The State Department of Hawaiian Home Lands (DHHL) owns 20,565 acres on Kaua'i, primarily in the East Kaua'i, Hanalei, Ele'e, and Līhu'e Planning Districts (see landowner maps in Appendix E). DHHL works to ensure that native Hawaiian families have homes and land to call their own.

**Objective: To support the Department of Hawaiian Home Lands in their mission to provide housing to their beneficiaries.**



## Subsector Sections

- ◆ Affordable Housing
- ◆ Infill Housing
- ◆ New Communities
- ◆ Agricultural Worker Housing
- ◆ Hawaiian Home Lands
- ◆ Elderly Housing & Assisted Living Facilities
- ◆ The Houseless Population
- ◆ Impact of Resort Uses on Housing Inventory

## II. HOUSING

Declining housing affordability for locals has reached a crisis level with far-ranging social impacts. Home prices exceed 300 percent of the national average while affordable market rentals are few and far between. New development and an inclusionary zoning ordinance have not improved the situation. At the household level, high housing costs cause stress, reduce disposable income, and limit transportation options. These impacts are felt community-wide. They contribute to a stressed local economy and frayed social fabric. The complexity of the housing crisis must be addressed on multiple levels if Kaua'i is to achieve its vision and become a place where housing for all ages and income levels is integrated into all communities and located close to work and recreation.

[illegible]

**Figure 6-56 Kauai Island-Wide Transportation Map:**  
 Showing Roadway Capacity, Networks, Shared Use Paths, and Scenic Corridors

Legend:

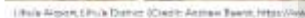
- Planning District Boundary
- Water Body
- Road
- Access Roadway
- Airport
- Shared Use Path
- Scenic Corridor

Scale: 0 to 10 Miles

- ◆ Providing a Balanced System
- ◆ County Roads
- ◆ Parking Management
- ◆ Transit Program
- ◆ Pedestrian Program
- ◆ Bicycle Program

**Kaua'i is at a crossroads for its future transportation. Traffic congestion is one of the community's most frequently expressed concerns, and it impacts nearly everyone on Kaua'i. The island's topography, overall constrained financial resources, repair and maintenance backlog of existing roads and bridges, and General Plan goals of sustainability, resiliency, and health all underscore the need to achieve more efficiency and effectiveness with Kaua'i's existing transportation system and to spend Kaua'i's limited transportation funds wisely, and seek additional funding from Federal, State, and private partners.**









### Subsector Sections

- ◆ Town Centers
- ◆ Parks
- ◆ Linear Parks & Trails
- ◆ State Parks



## SECTOR:

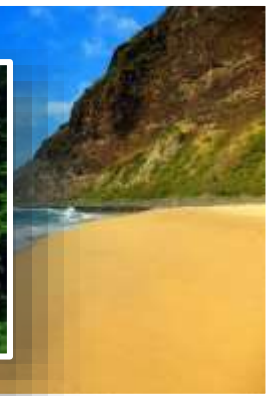
### V. SHARED SPACES

The public realm belongs to all and must be planned and designed in consideration of all users' needs from keiki to kūpuna. Shared spaces, also known as "civic space", are the areas used for everyday community activities such as shopping, recreation, and socializing. Kaua'i's most important shared spaces are its town centers, streets, beaches, and parks.









### Subsector Sections

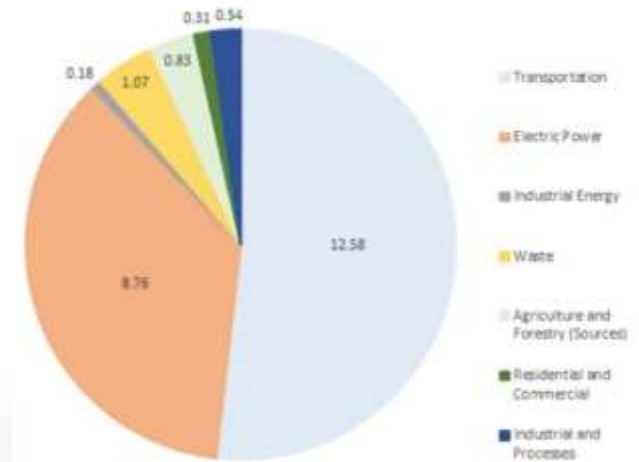
- ◆ Historic Buildings, Structures & Places
- ◆ Wahi Pana, Cultural Sites & Resources
- ◆ Landmarks & Scenic Resources



## SECTOR: VII. HERITAGE RESOURCES

From ancient heiaus to Buddhist missions, heritage resources symbolize Kaua'i's history, showcase our diversity, and perpetuate a unique sense of place. By protecting these resources, Kaua'i will continue to honor its history, value its Native Hawaiian heritage, and celebrate its diverse languages and cultural traditions.





**Figure 3-14 Composition of Hawai'i GHG Emissions**  
(Excluding Sinks, Including Aviation), 2007 (MMTCO<sub>2</sub>Eq)

### Subsector Sections

- ◆ Energy Sustainability
- ◆ Reduction of Greenhouse Gas Emissions

SECTOR:

## **VIII. ENERGY SUSTAINABILITY**

Energy is a critical part of progressing the goals of resilience and sustainability. So long as the majority of our energy sources are imported, Kaua'i will contribute to fossil fuel-related emissions and remain vulnerable to global fluctuations in price and supply. Kaua'i must continue to set an example of energy sustainability and global citizenship through emissions reduction and renewable energy targets.



### 3. GLOBAL WARMING AND CLIMATE CHANGE ADAPTATION

Climate change and its associated symptoms could have wide-ranging impacts to Kaua'i's environment, economy, and way of life. Understanding and incorporating the best available information on climate change is critical to planning effectively and taking proactive measures to adapt to climate-related changes.

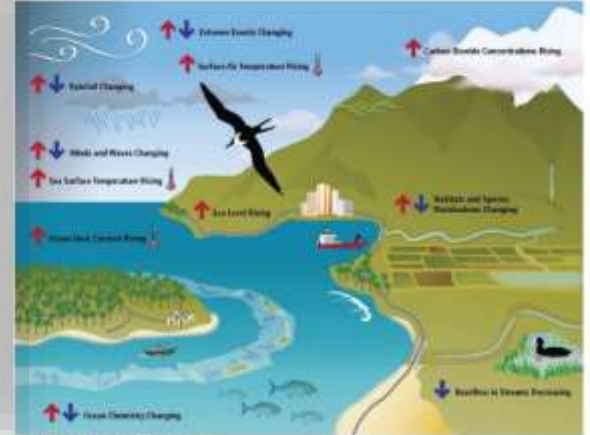
**Objective:** To prepare for and adapt to the impacts of climate change on the natural and built environments.



#### 3.1 Anticipating Climate Change Impacts

There is substantial documentation of global warming

Figure 3-15 Impacts of Climate Change on Kaua'i



## Subsector Sections

- ◆ Police, Fire, Ocean Safety & Emergency Services
- ◆ Hazards Resiliency
- ◆ Global Warming & Climate Change Adaptation

# SECTOR:

## IX. PUBLIC SAFETY & HAZARDS RESILIENCY

Educating our people and practicing public safety and preparedness for hazards is part of what it means to live on Kaua'i. The more that each of us is prepared and does our part, the safer and more resilient we will be as a whole.



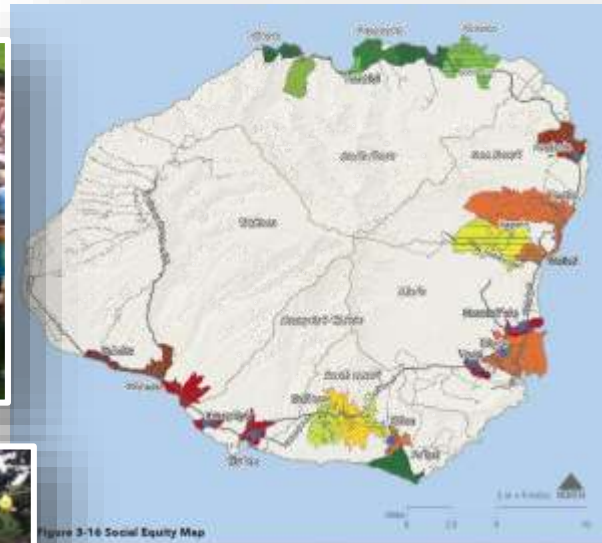


Figure 3-16 Social Equity Map

Priority Equity Data	Population Percentages	Minority Rate %
1. 0.0% - 5.0%	5.0% - 10%	10.0% - 15.0%
2. 5.0% - 10%	10.0% - 15%	15.0% - 20%
3. 10.0% - 15%	15.0% - 20%	20.0% - 25%
4. 15.0% - 20%	20.0% - 25%	25.0% - 30%
5. 20.0% - 25%	25.0% - 30%	30.0% - 35%
6. 25.0% - 30%	30.0% - 35%	35.0% - 40%
7. 30.0% - 35%	35.0% - 40%	40.0% - 45%
8. 35.0% - 40%	40.0% - 45%	45.0% - 50%
9. 40.0% - 45%	45.0% - 50%	50.0% - 55%
10. 45.0% - 50%	50.0% - 55%	55.0% - 60%
11. 50.0% - 55%	55.0% - 60%	60.0% - 65%
12. 55.0% - 60%	60.0% - 65%	65.0% - 70%
13. 60.0% - 65%	65.0% - 70%	70.0% - 75%
14. 65.0% - 70%	70.0% - 75%	75.0% - 80%
15. 70.0% - 75%	75.0% - 80%	80.0% - 85%
16. 75.0% - 80%	80.0% - 85%	85.0% - 90%
17. 80.0% - 85%	85.0% - 90%	90.0% - 95%
18. 85.0% - 90%	90.0% - 95%	95.0% - 100%
19. 90.0% - 95%	95.0% - 100%	100.0% - 105%
20. 95.0% - 100%	100.0% - 105%	105.0% - 110%

**EQUITY**



### Subsector Sections

- ◆ Social Equity
- ◆ Access to Quality Education & Training
- ◆ Community Health

SECTOR:

## X. OPPORTUNITY AND HEALTH FOR ALL

The General Plan's goals include Kaua'i being a place with healthy and resilient people, and to be an equitable place with opportunity for all. These goals mutually reinforce and are essential to the overall 2035 Vision.



What's your vision  
for Kaua'i's future?

# THE FUTURE LAND USE MAP

SPR Planning  
Community  
district - or  
use high level  
- must local center

Sports  
facility -  
bored and ??

Plan for  
climate  
change

Adolescent  
Drug  
Treatment  
Facility

More  
Side walks  
& bike paths

Permanent  
open market

Schools  
Education  
Education  
Education

Better  
roads

SIDWALKS  
CONNECTING  
TO  
BIKES

More  
sidewalks  
connecting  
to  
bikes

Sports  
Complex  
Linn

Housing  
For  
OUR CHILDREN  
(Post College)

Pedestrian  
Public service  
on ped rights  
cars watch out!

Conservation  
projects -  
ocean/  
sea life.

Bike paths  
adjacent to  
off the highway

More  
lakes

Satellite  
city halls

BUDGET  
MORE \$  
TO FIX  
OUR ROADS

Allocate &  
Manage growth  
based on sincere  
analysis of  
infrastructural  
constraints -  
particularly H<sub>2</sub>O

MORE MULTI  
FAMILY  
HOUSING  
IN ONE  
HOUSING

A Playground  
in every  
neighborhood  
park

increase  
bus service  
poi pu!  
(DIRECT TO LINE  
AT LEAST)

No plants  
in the  
road

walkways  
to bus stops  
(covered if  
possible)

Bus stops  
along hwy  
w/ shelters!

# Opportunities



Provide a range of housing types

Strengthen town centers

Efficiently use land via infill

Compact, walkable neighborhoods

Locate housing near jobs



# Existing Designations for New Communities





# Existing Designations for Towns



“Place” is important





# The Ahupua'a

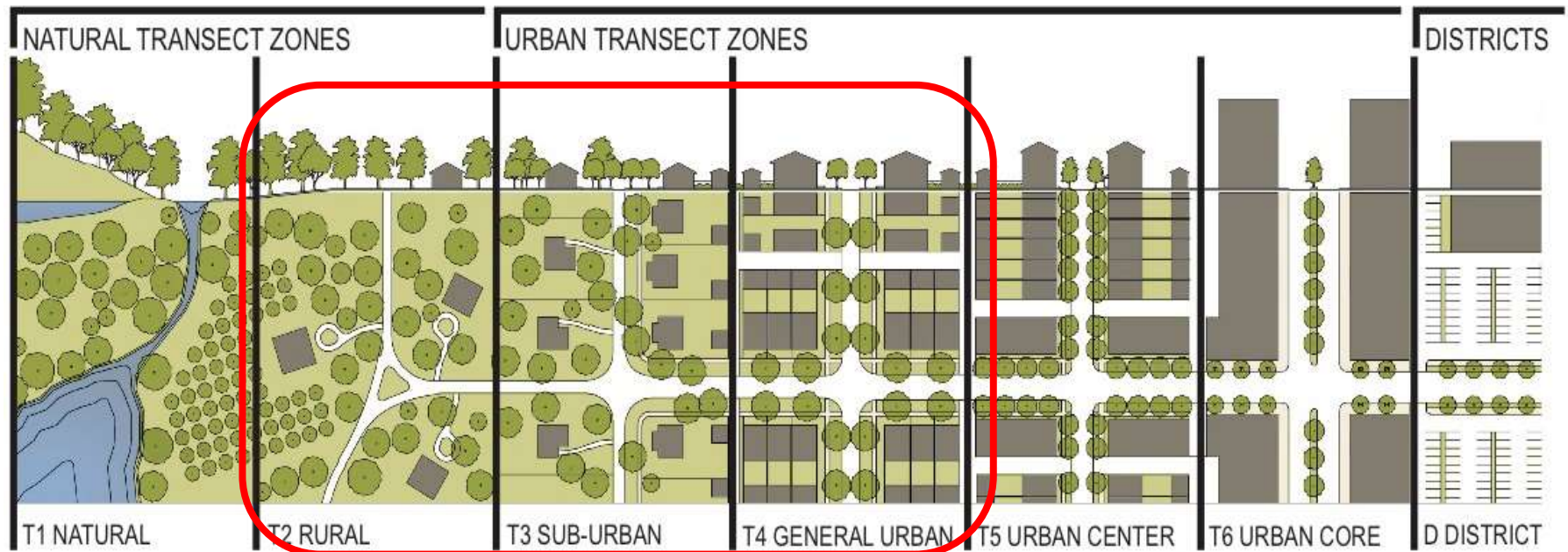


image courtesy of: DPZ (Duany Plater-Zyberk & Company)



# Recognizing that Place Matters

RURAL ||||| TRANSECT ||||| URBAN

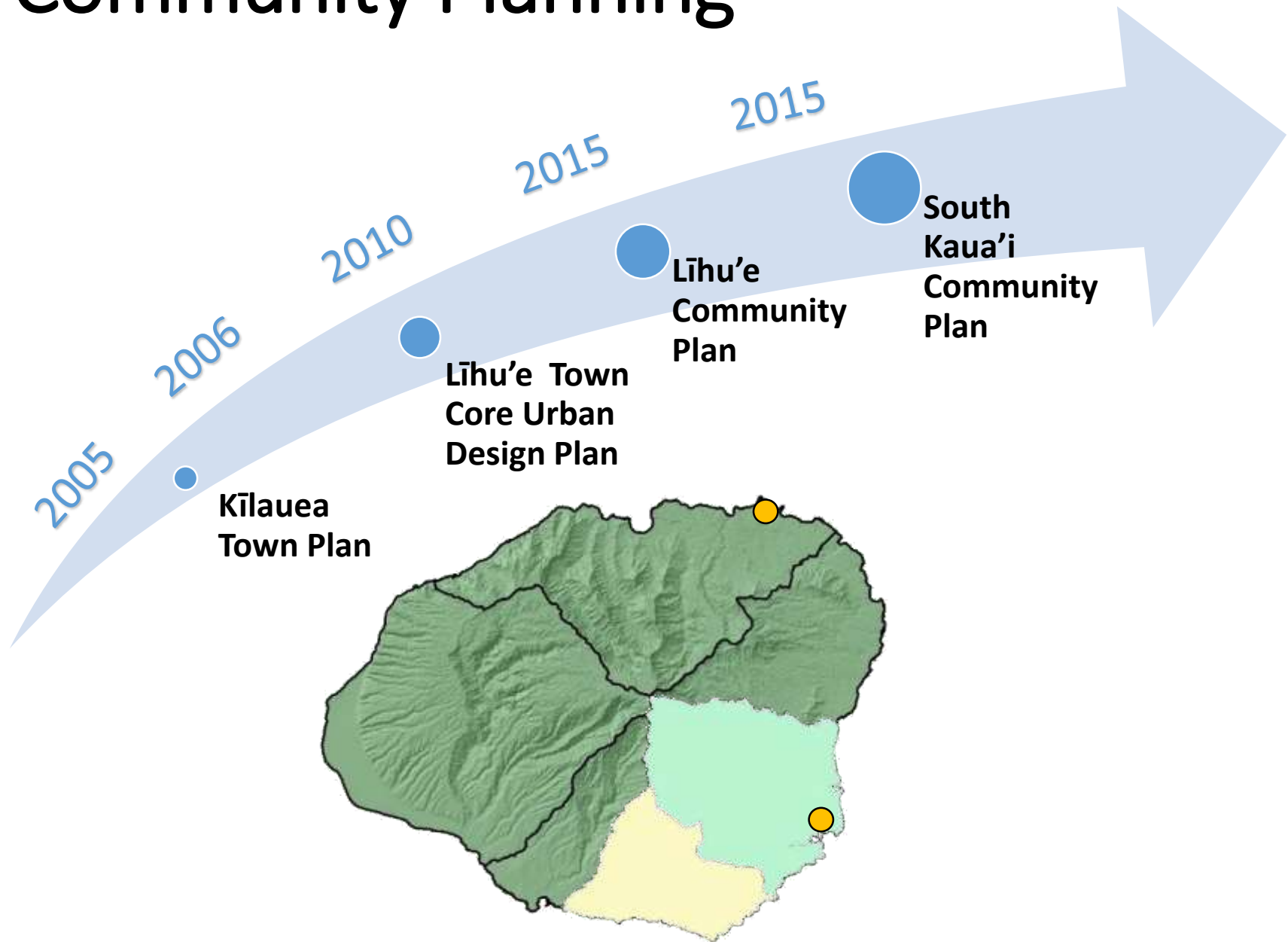


Source: DPZ (Duany Plater-Zyberk & Company)



Source: Opticos Design, Inc.

# Community Planning

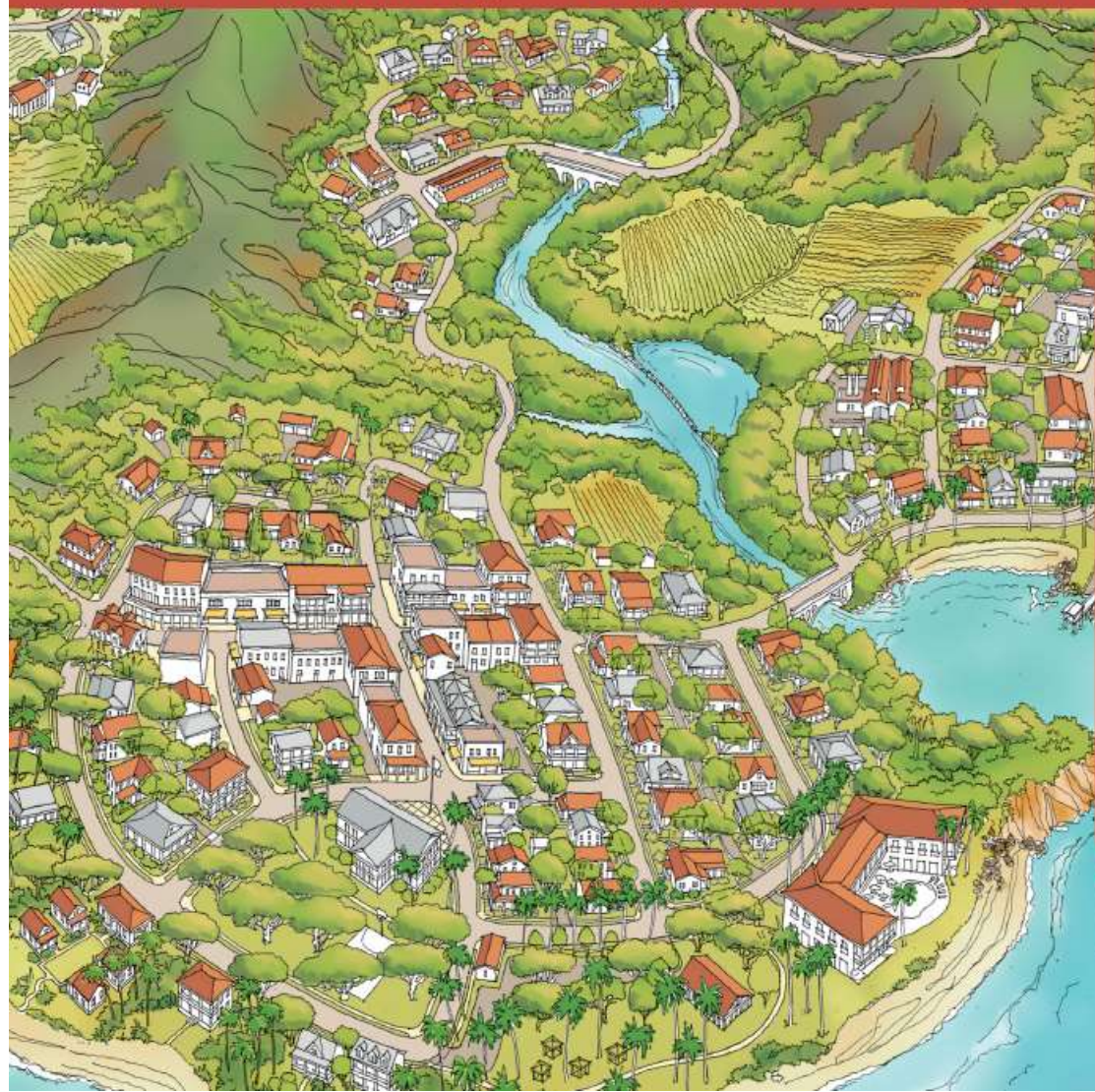




# KAUAIKĀKOU

Help to steer your community's future!  
Discuss visions for East Kaua'i's form and  
character, and be part of Kaua'i's General Plan  
Update, by meeting us for these events:

## East Kaua'i Community Place Type and Visioning Workshop



**Thursday April 28, 2016**

### **Opening Presentation**

8:00AM-9:00AM

All Saints Church Gym, Kapa'a

### **Bus/Walking Tour**

9:00AM-11:30AM (RSVP Required)

Leave from All Saints Church Gym  
at 9AM sharp! *Limited seating.*

### **Lunch & Mapping Workshop**

11:30AM-1:00PM

All Saints Church Gym

### **Closing Presentation**

5:00PM-6:30PM

All Saints Church Gym

RSVP to 808-241-4061 for the  
bus/walking tour by April 18th.

Please call 241-4050 if you would like to  
request an ASL interpreter, materials in an  
alternate format, or other auxiliary aid.







# Opening Presentation



Visioning





# Tour and Discussion





# Tour and Discussion



# Map Work





# Group Summary





# Group Summary



# Concept Refinement





# Concept Refinement





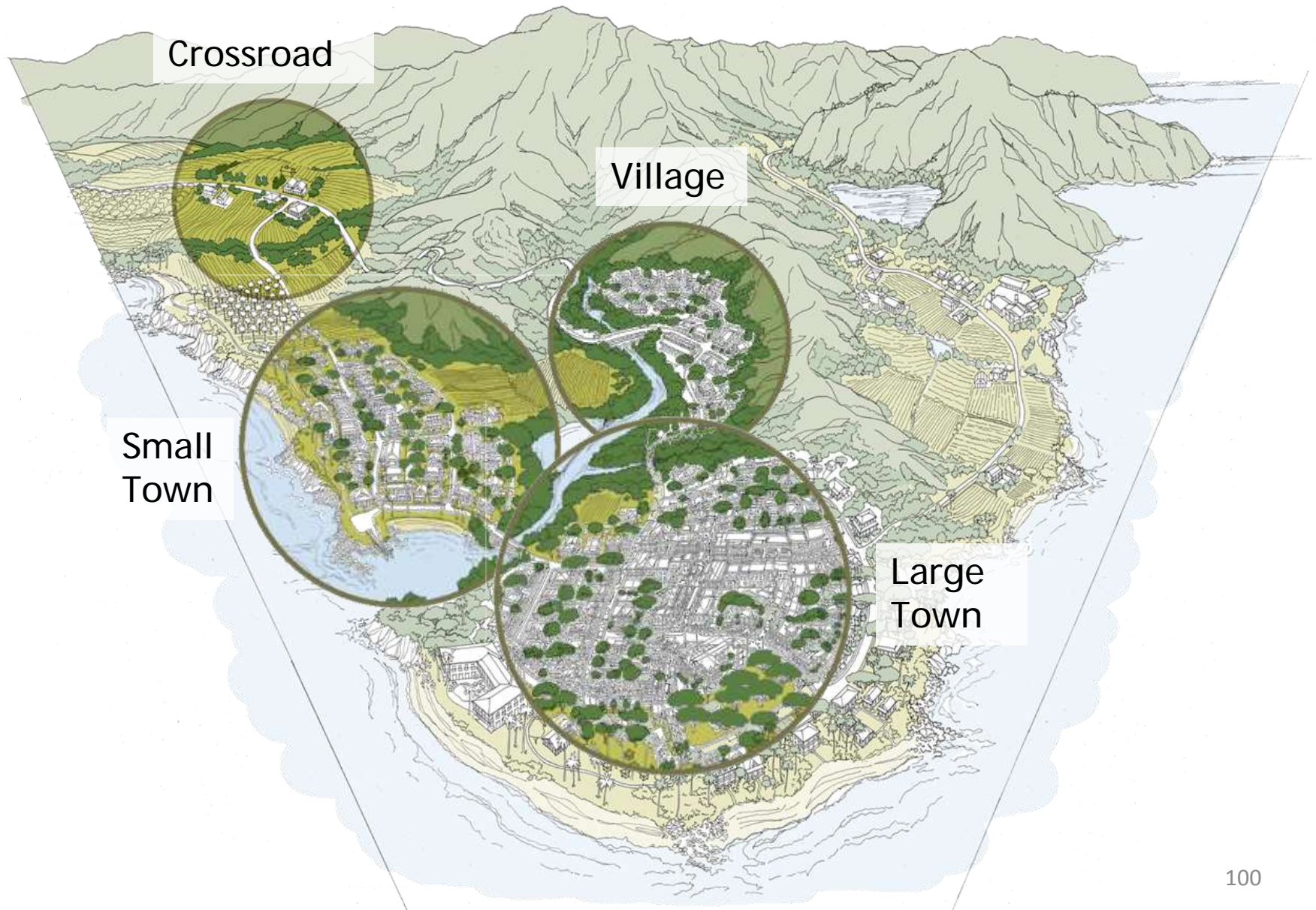
# Closing Presentation



Closing  
Presentation



# Kaua'i's Place Types





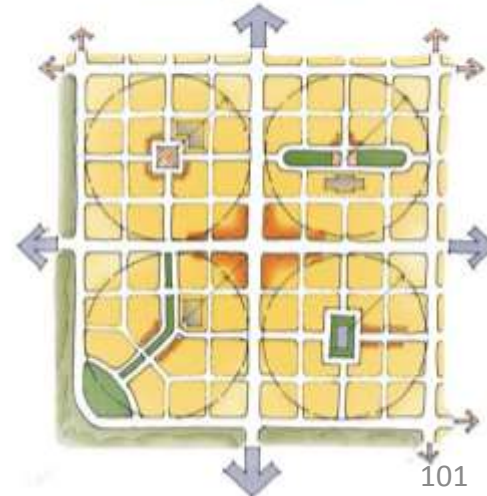
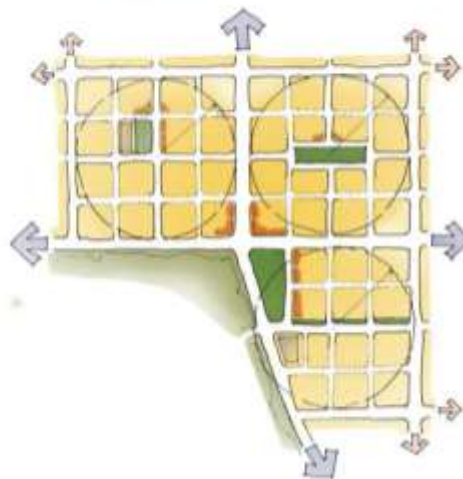
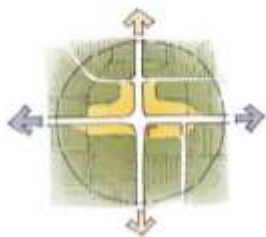


Crossroad

Village

Small Town

Large Town



## Place Types:



Large Town



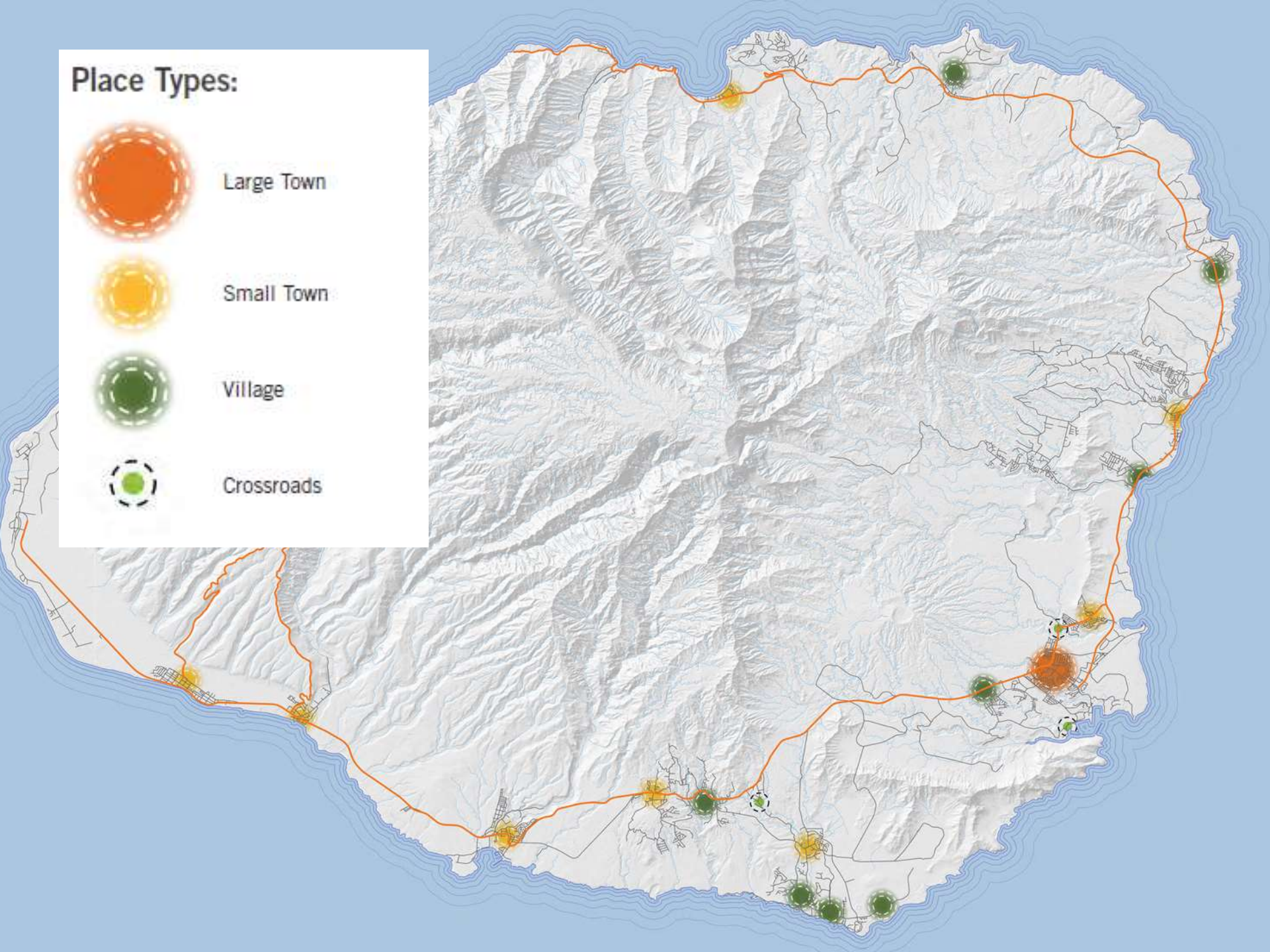
Small Town



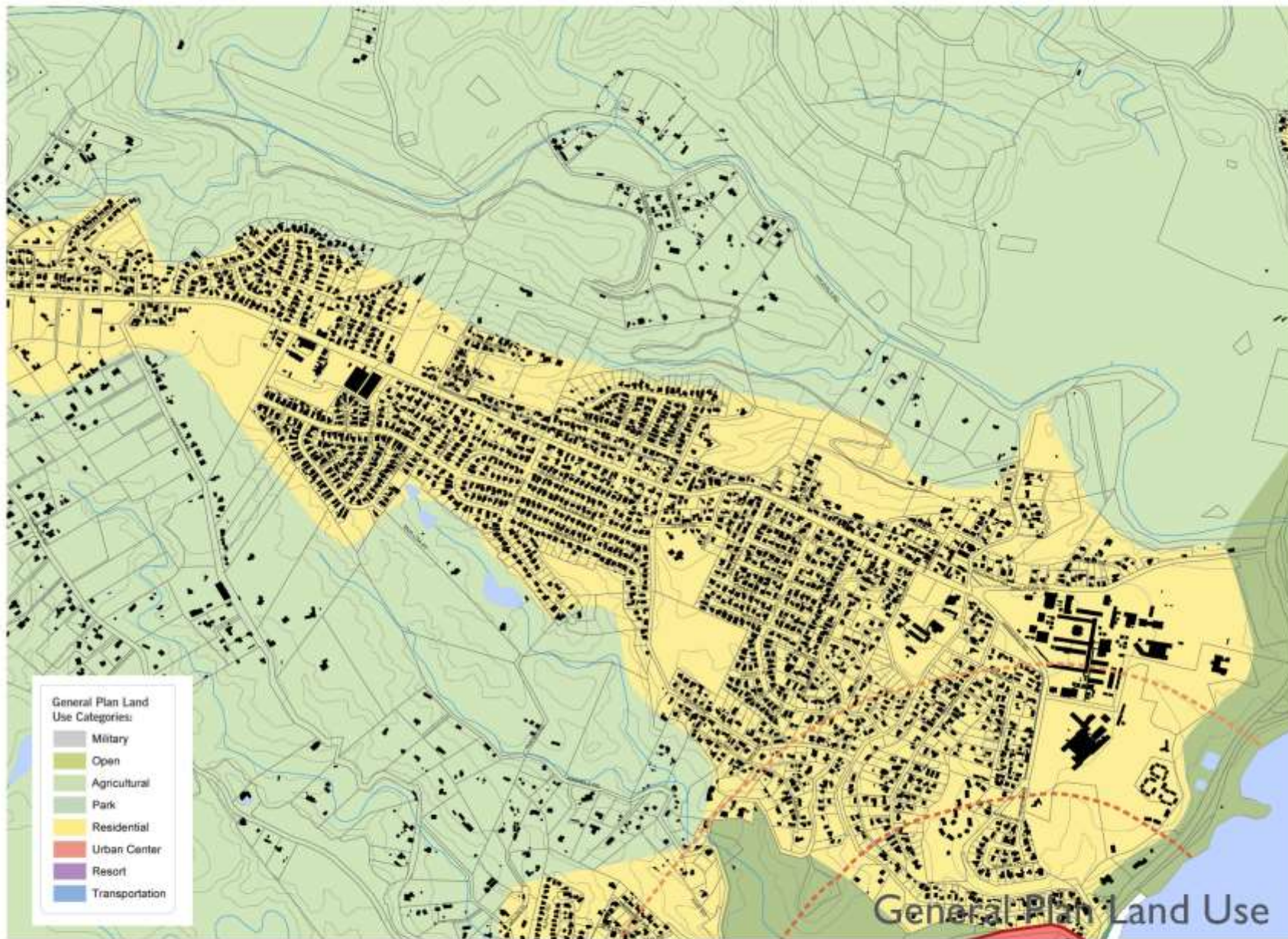
Village



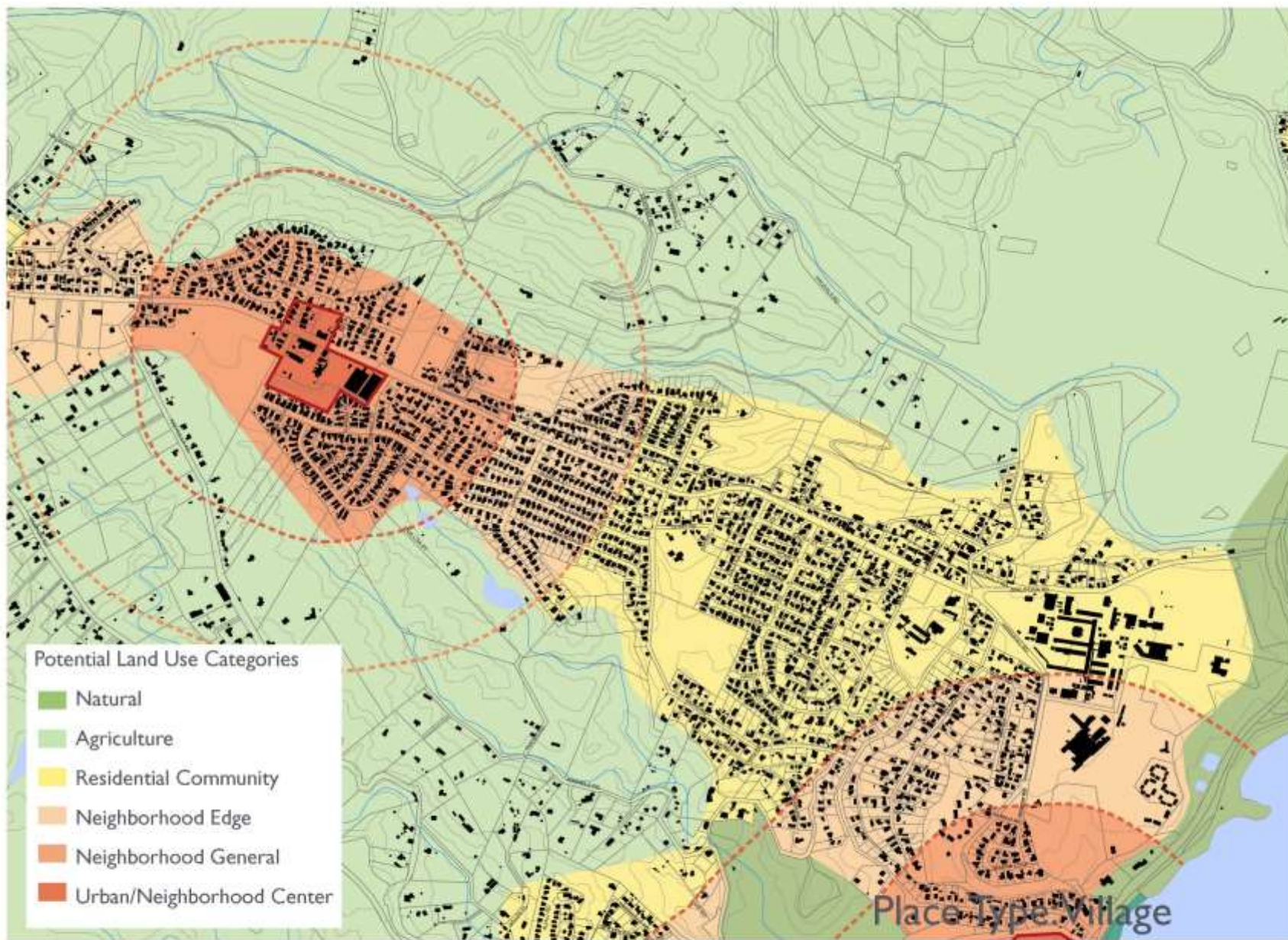
Crossroads











# Degree of change For Princeville:

In the center...

Minimal  
Change

Incremental  
Change

Transformative  
Change

## SITE FRONTAGES



How do structures  
address the street?

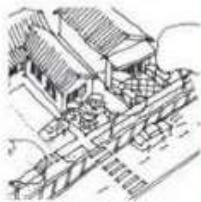
## PARKING



Where is parking  
primarily located?

- Fix parking access at Queen's Bath; explore off-site parking for possible shuttle
- Coordinatd car share and transit program

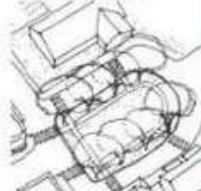
## PEDESTRIAN FACILITIES



What is pedestrians'  
comfort in using  
streets?  
Are community  
facilities well-  
connected by  
pedestrian routes?

- Public-access and connectivity issues both mauka and makai

## COMMUNITY GATHERING PLACE



Is there a defined  
central gathering  
place for the  
community?

- Preserve and restore public access to open space as new development progresses



# Degree of change For Princeville:

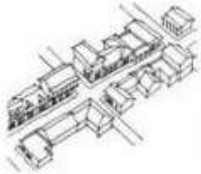
In the center...

Minimal  
Change

Incremental  
Change

Transformative  
Change

## RIGHT-SIZING THE CENTER



Is the size of the center appropriate for its uses?

- Fix ag. land use and zoning so not used for large-lot residential
- Remove developable land use mauka of clubhouse
  - Mixed-use around shopping center
- Existing shopping center may not have capacity to serve new population in Phase II

## BUILDING INTENSITY



What is typical building height (in stories)? What is a desirable and appropriate scale?

- "Gentleman estates"/ag. residential better than high density condos

## INFRA- STRUCTURE AND SERVICES

Are sufficient services located in the center?

- Connections between Phases I & II
  - Shuttle within Princeville
- Need good location for middle/high school in North Shore, but not mauka of clubhouse

## DESTINATIONS AND AMENITIES

Does the center draw people because of its uses or character?





Students of university research participate in the two-day, hands-on learning and training experience, which allows the development of the future leaders. The goal is to help

- Operating Expenses
- Selling Expenses
- General & Admin
- Marketing Expenses
- Interest paid
- Taxes
- Other Expenses



**Future Land Use Map**  
(Major changes since 2005 land cover)

This map illustrates projected land use changes across the San Francisco Peninsula and surrounding watersheds. Key features include:

- Urban Expansion:** Red-shaded areas indicate regions where urban development is projected to increase significantly, particularly along the coastlines and in the South Bay.
- Agricultural Conversion:** Yellow-shaded areas represent lands expected to transition from agriculture to other uses.
- Conservation Lands:** Green-shaded regions denote areas designated for conservation or open space.
- Water Bodies:** Blue areas represent water bodies, including San Francisco Bay, Sausalito Bay, and various smaller creeks and rivers.
- Geographic Labels:** Major locations such as San Francisco, Marin, Contra Costa, Alameda, and various cities like Berkeley, Oakland, and Fremont are labeled.
- Scale and Orientation:** A scale bar at the bottom right indicates distances up to 10 miles. An inset map in the top left corner shows the broader regional context within California.

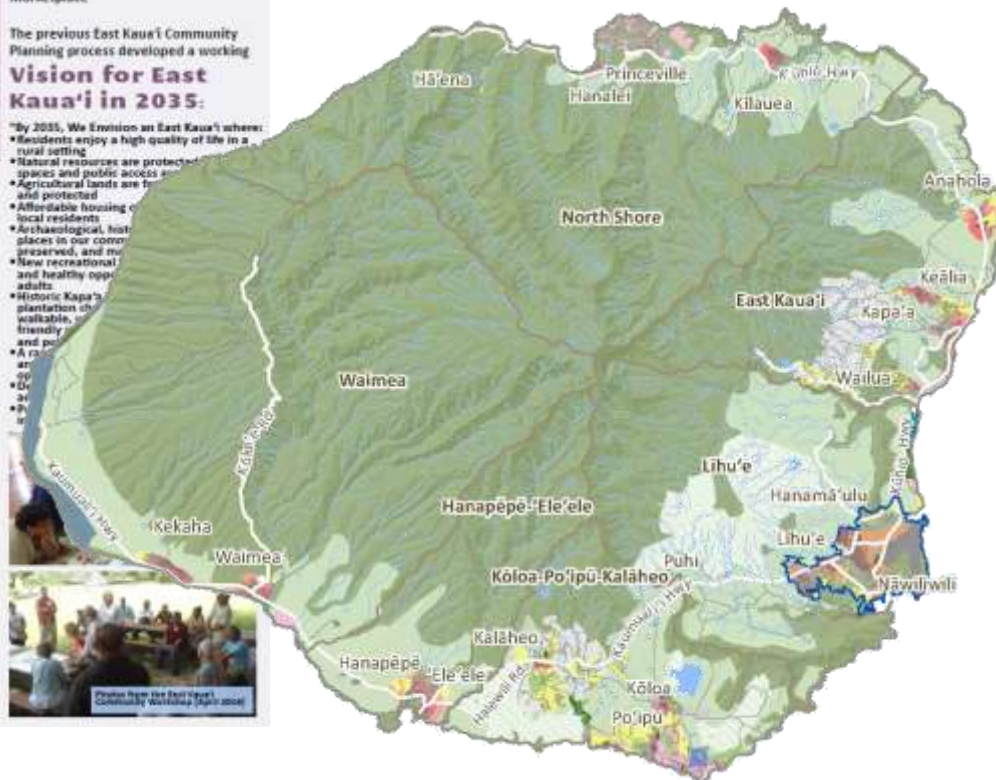
- 
- Planning Street Boundary  
Major Roads  
Parks  
Schools  
Hospitals  
Universities  
Residential  
Other Land Use  
Neighborhood Center  
Neighborhood General  
Neighborhood Edge  
Parks and Recreation  
Golf Course  
Commercial  
Industrial  
Transient/Temporary  
Vacant  
Military

**Wailua** is designated as a Village place type. Community input indicated that the area along the Hānui Highway bounded roughly by Haleiwa Road, Lanikai Street, and Papalua Road provides a good opportunity for a Neighborhood Center in proximity to residential neighborhoods in Wailua and resort areas along the coast. Portions of Wailua within 1/2 mile of this center can accommodate additional residential uses on underutilized and vacant parcels.

The community supports a future Village place type at **Kapahi**. A Neighborhood Center along Kawaihau Road could support a mix of medium-density residential uses, along with additional commercial and service uses.

**Kapa'a Town:** Its future growth has been the topic of much discussion and debate. Traffic congestion north of the Waihi bridge is a primary concern in determining how much future growth should be planned for. Community input led to a conservative approach, where Urban Center designation adjacent to Kapa'a Middle School (the proposed Hoku Place development) has been removed from the land use map, and Kapa'a remains a Small Town place type.

Much of the land in **Anahola** is owned and managed by the State Department of Hawaiian Homelands (DHHL). DHHL's Anahola Regional Plan (2012) calls for future development of residential homesteads and agricultural uses in the area, as well as the establishment of a new Town Center along Kūhiō Highway.



# 2.1 FUTURE LAND USE

## Future Land Use Objectives:

- 1. To accommodate Kaua'i's projected population growth and housing needs.
- 2. To meet future housing needs through "missing middle" housing types that are affordable by design and located near jobs centers.
- 3. To protect rural character by ensuring new growth is designed to be compact and focused around existing town cores.
- 4. To manage land use and development in a manner that respects the unique character of a place.
- 5. To locate residential growth in and near major jobs centers.
- 6. To increase overall community health through design that supports safe and accessible parks, streets, and other shared spaces.
- 7. To encourage the development of Līhu'e as Kaua'i's primary urban center within an urban edge boundary.
- 8. To increase resiliency by limiting development in areas impacted by future sea level rise.

## Policy Alignment:

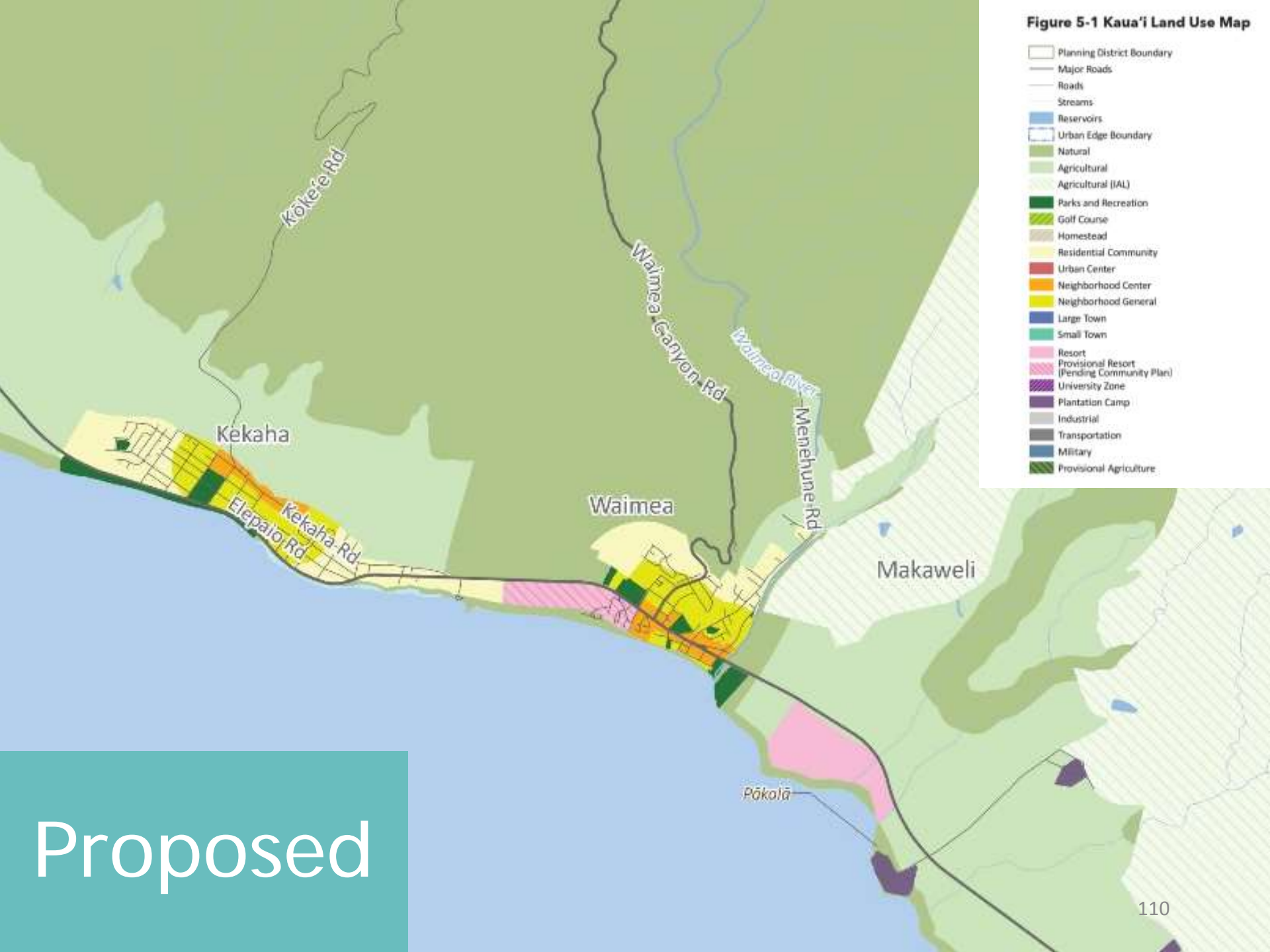




Existing



Figure 5-1 Kaua'i Land Use Map

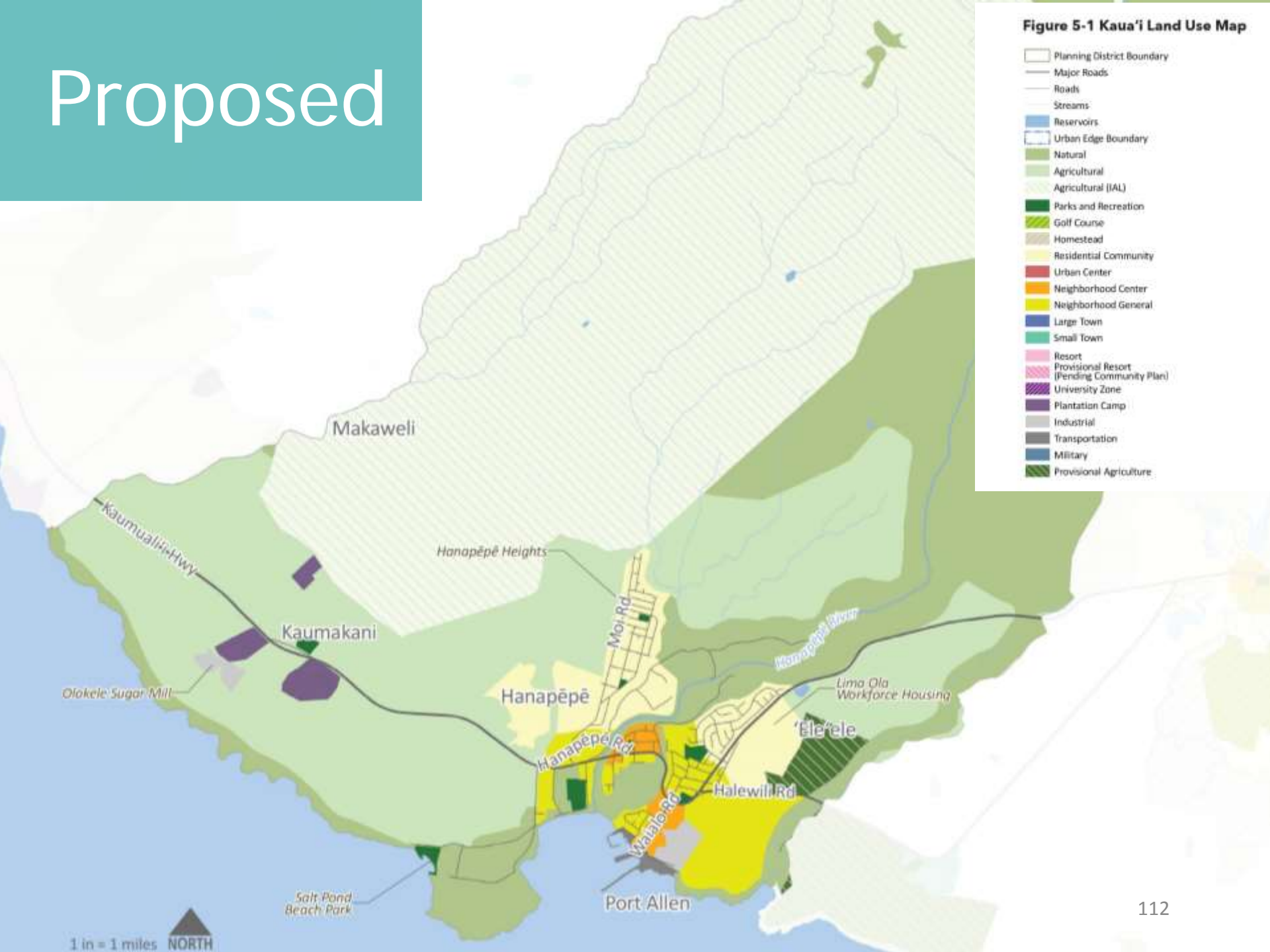


Proposed

# Existing

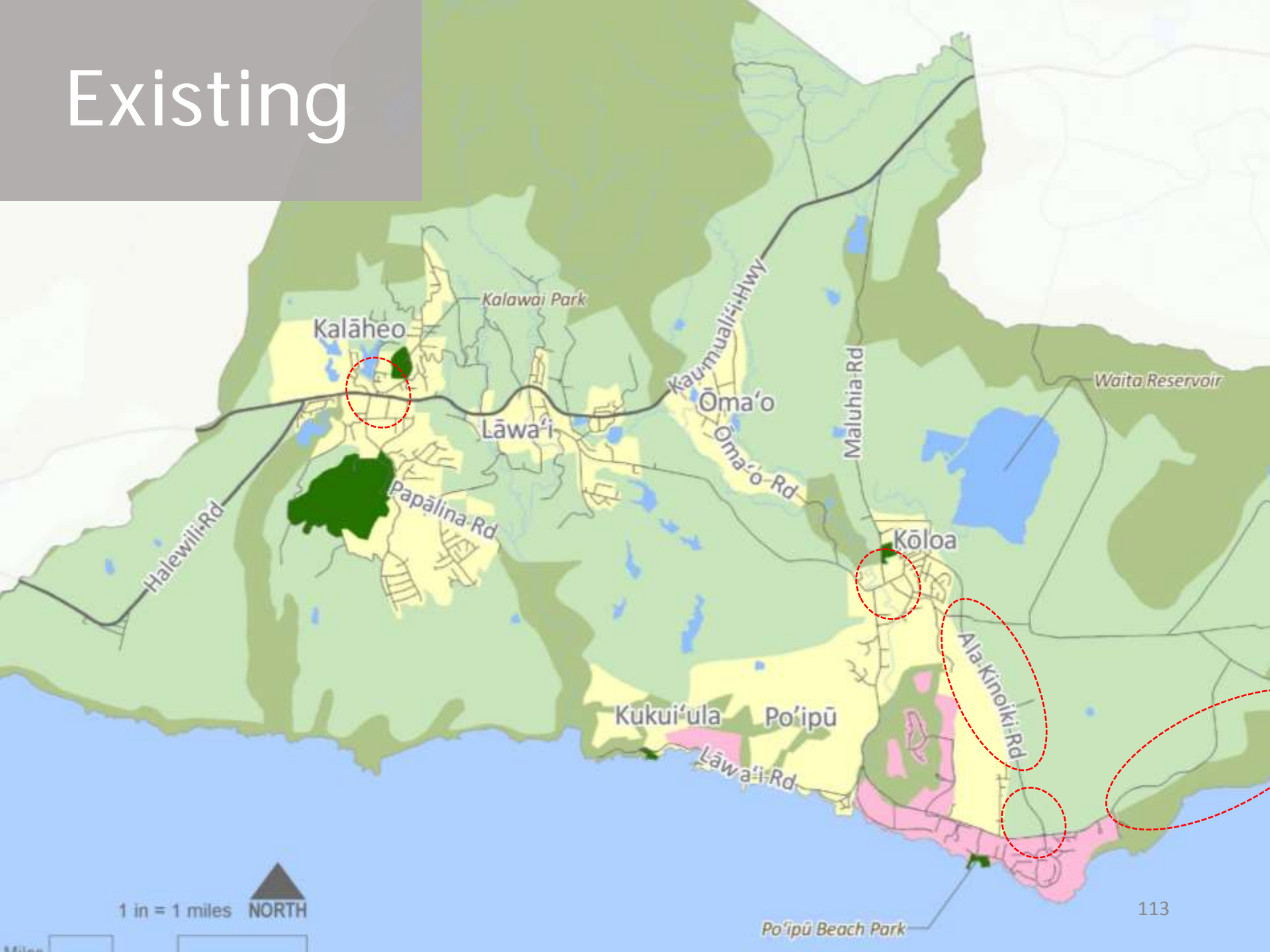


# Proposed

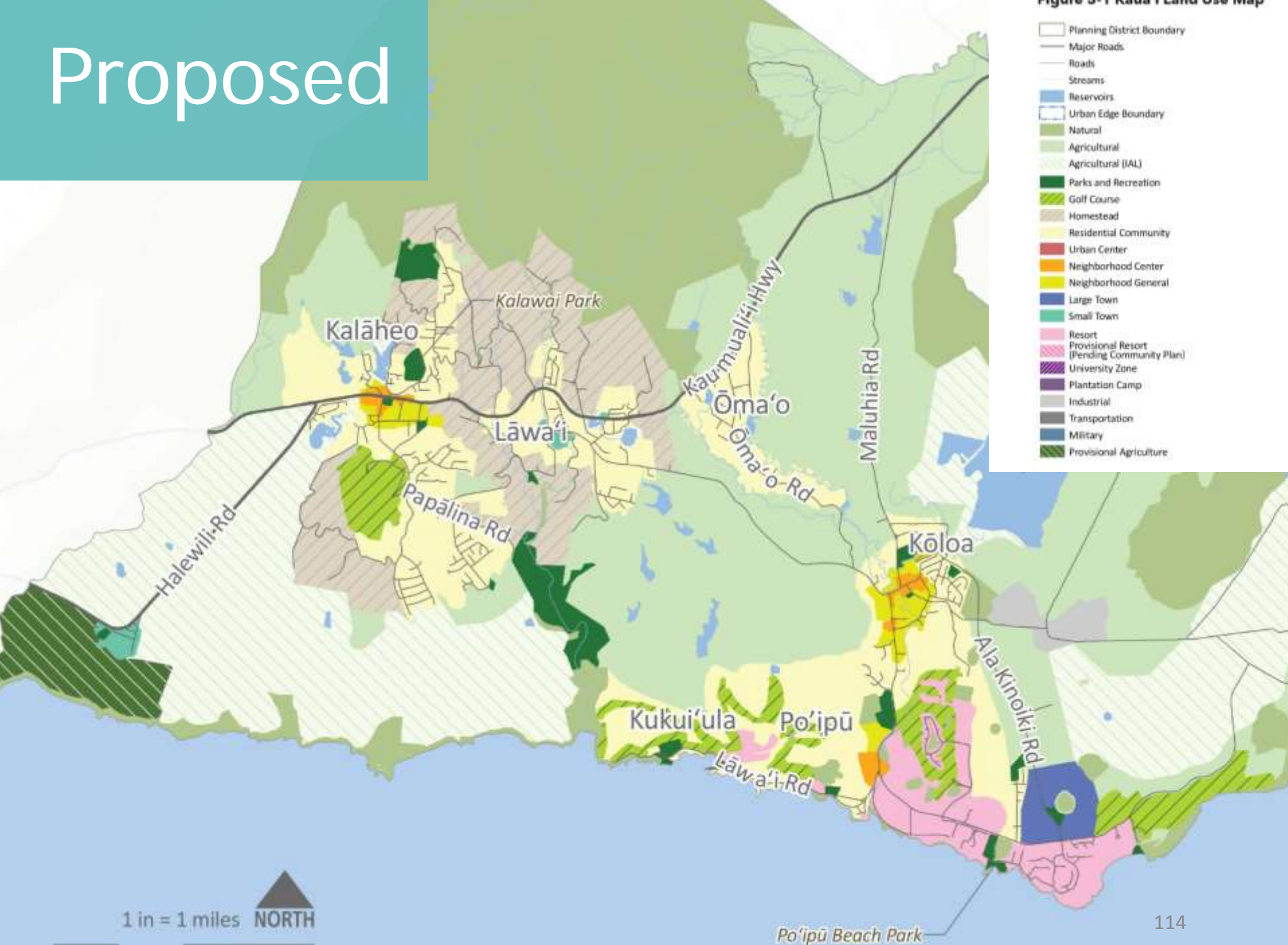




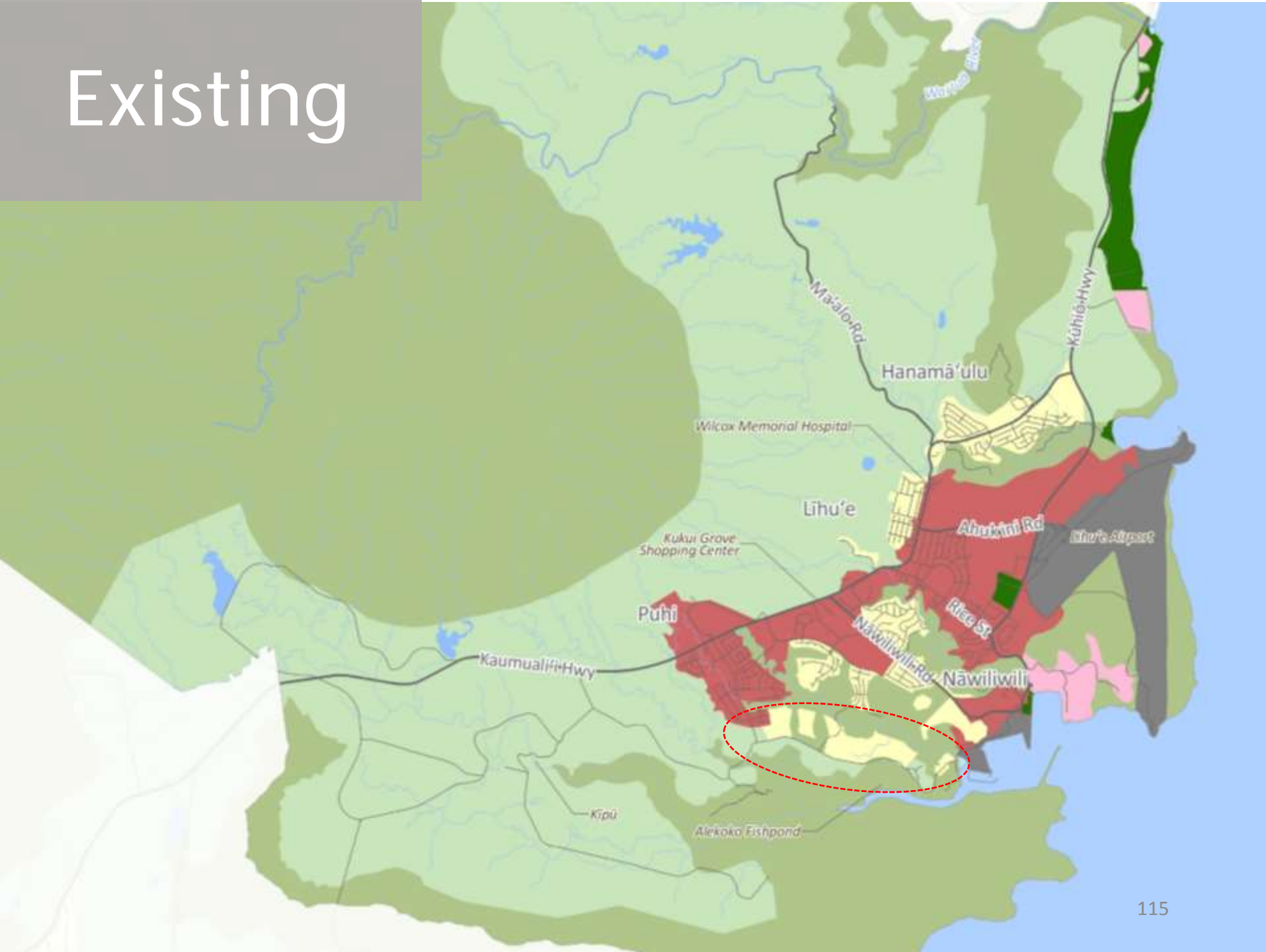
# Existing



# Proposed



# Existing

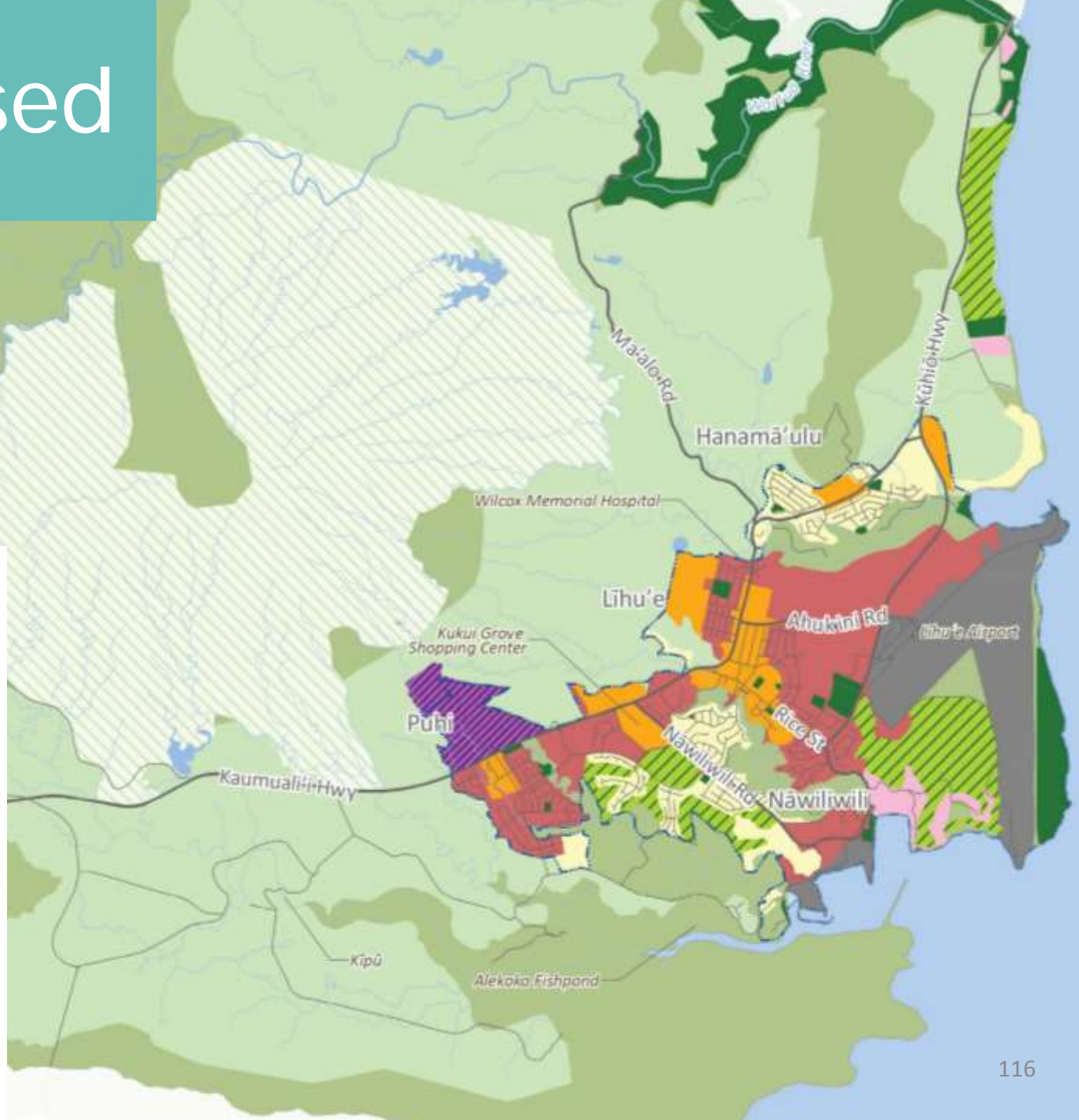




# Proposed

**Figure 5-1 Kaua'i Land Use Map**

-  Planning District Boundary
-  Major Roads
-  Roads
-  Streams
-  Reservoirs
-  Urban Edge Boundary
-  Natural
-  Agricultural
-  Agricultural (IAL)
-  Parks and Recreation
-  Golf Course
-  Homestead
-  Residential Community
-  Urban Center
-  Neighborhood Center
-  Neighborhood General
-  Large Town
-  Small Town
-  Resort
-  Provisional Resort (Pending Community Plan)
-  University Zone
-  Plantation Camp
-  Industrial
-  Transportation
-  Military
-  Provisional Agriculture



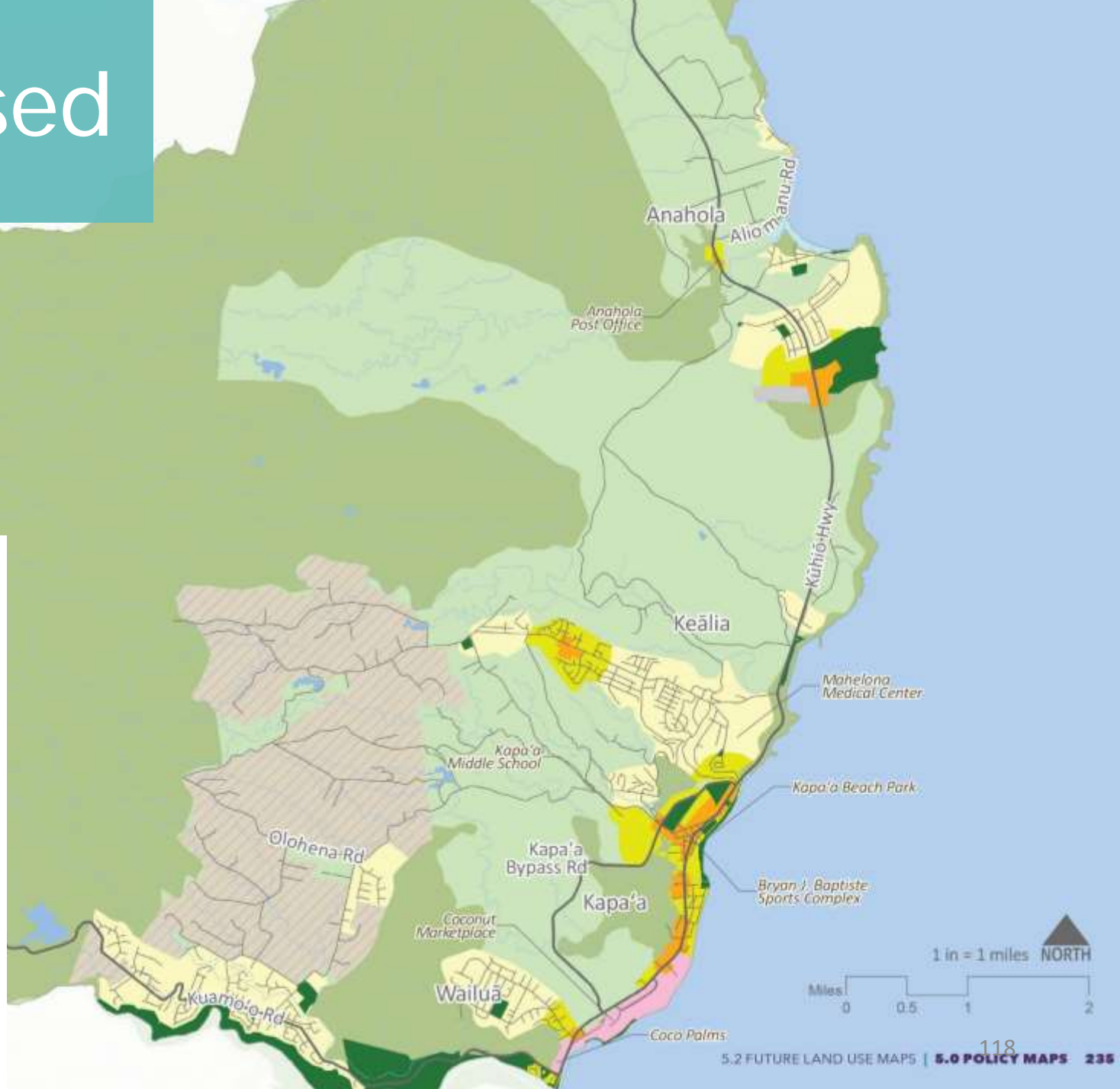
# Existing



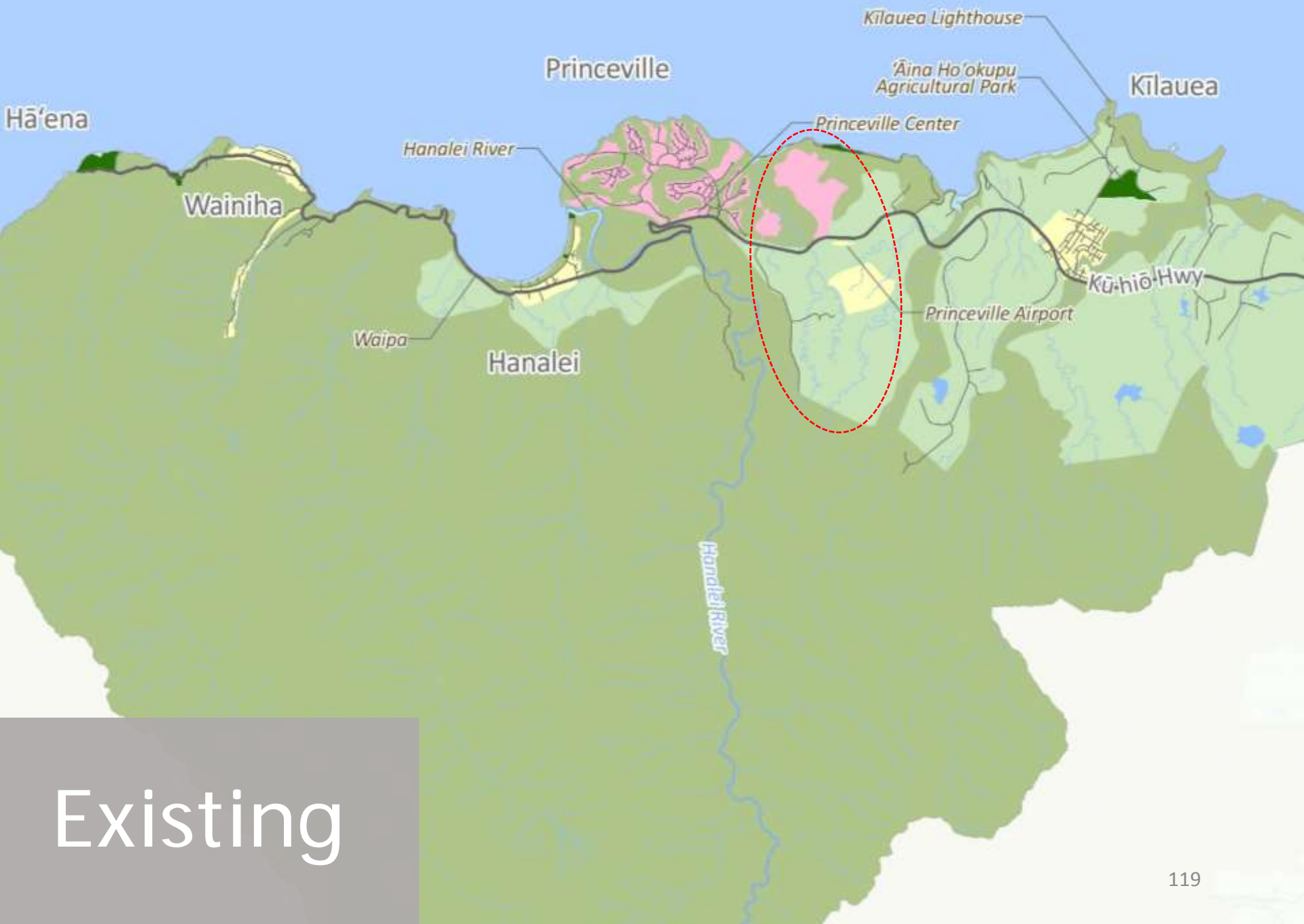
# Proposed

**Figure 5-1 Kaua'i Land Use Map**

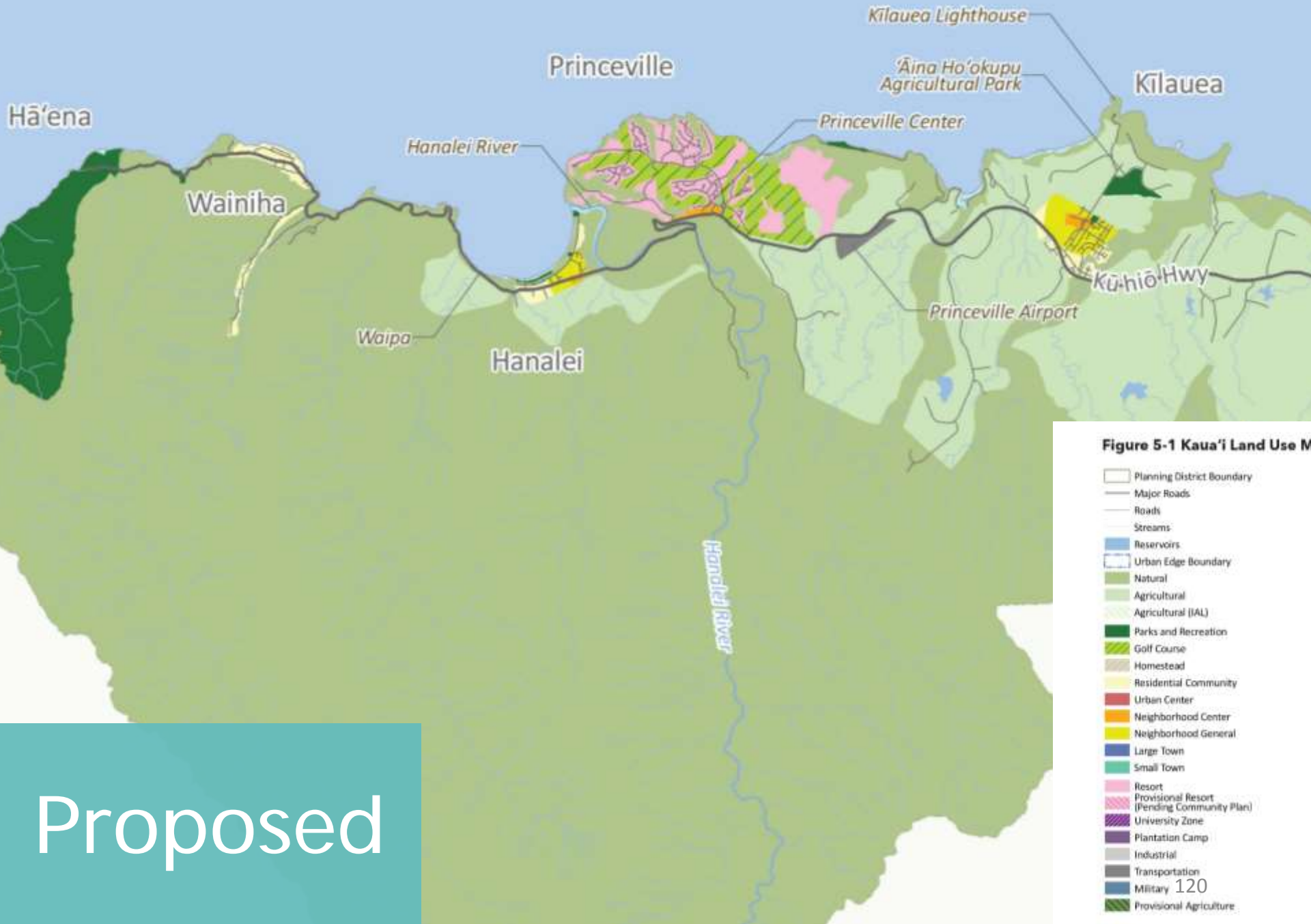
-  Planning District Boundary
-  Major Roads
-  Roads
-  Streams
-  Reservoirs
-  Urban Edge Boundary
-  Natural
-  Agricultural
-  Agricultural (IAL)
-  Parks and Recreation
-  Golf Course
-  Homestead
-  Residential Community
-  Urban Center
-  Neighborhood Center
-  Neighborhood General
-  Large Town
-  Small Town
-  Resort
-  Provisional Resort (Pending Community Plan)
-  University Zone
-  Plantation Camp
-  Industrial
-  Transportation
-  Military
-  Provisional Agriculture







Existing





# THE DRAFTS

*Planning Commission Draft*

*Departmental Draft, June 13, 2017*

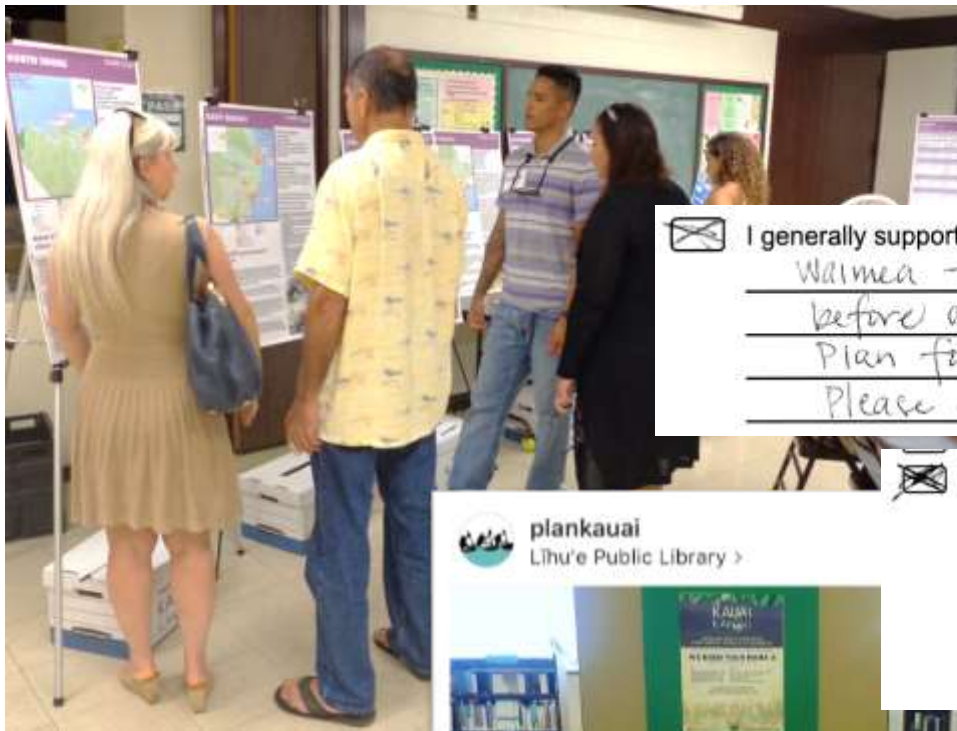
*Departmental Draft, May 23, 2017*

*Departmental Draft, January 31, 2017*

*Discussion Draft, November 2016*

*Administrative Draft, July 2016*





☒ I generally support this, but it's missing:  
more affordable housing on West Side

☒ I generally support this, but it's missing:  
Waimea -Kekaha Community Plan needs updating  
before any changes are made to the General  
Plan for this area  
Please do not down zone Kikiaola land

☒ I generally support this, but it's missing:  
Domestic Water- glad to see rain catchment will be "encouraged"  
in the plan. Perhaps more can be added to include how  
DOW might help to facilitate individual homeowner  
catchment systems.

☒ I generally support this, but it's missing:  
I think the pedestrian program ideas are good. Glad  
to see connecting the neighborhoods to park facilities have  
been added to the plan. However, I think sidewalks throughout  
residential neighborhoods should be mentioned. Although costly,  
something ought to be mentioned about neighborhood sidewalks.  
Pedestrians currently share the road with autos and is definitely

☒ I generally support this, but it's missing:  
THE PRINCE CLUBHOUSE SHOULD STAY IN RESORT.  
I NEED MY JOBS BACK!!

I DO ALWAYS SUPPORT ALL IDEAS THAT CREATES  
PLENTY JOBS. I NEED ONE TO SUPPORT MY  
FAMILY, THAT'S ALL

plankauai  
 Līhu'e Public Library >



All libraries  
 Līhu'e  
 Kapa'a  
 Waimea  
 Hanapēpē  
 Princeville  
 Kīlauea



## Departmental Draft changes

Integrated draft CEDS recommendations.

Removed Princeville airport expansion.

Added infographics and key growth trends section.

Added detailed descriptions of policies.

Added connection to State DLNR policy initiatives.

Added actions related to permanent instream flow standards to provide native species and water rights.

Acknowledged toxoplasmosis and biosecurity issues.

Support expansion of Na Ala Hele Trail system and recreational opportunities on State land.

Placed scenic roadway corridors on Transportation Map.

Strengthened AIS language and scenic viewplane language.

Maps social equity priority areas.

Added language regarding drug abuse and treatment, and access to family planning services.

Addressed need for food production and education center at KCC.

Added information on ADVC projections and trends, and included a “use it or lose it” provision for future resort entitlement.

Added language pertaining to PMRF.

*(Track Changes)*  
*March 14<sup>th</sup>*

*May 23<sup>rd</sup>*

*June 13<sup>th</sup>*

*Public Working Drafts*



## Planning Commission changes

Strengthen Framework with Objectives

Map Changes to East Kaua'i and Hanapēpē-Eleele

Clarify the Public Trust and Domestic Water Rights

Strengthen Sea Level Rise Vulnerability Assessment recommendations

Address Aloha Plus Challenge

Acknowledge Paris Agreement commitments

Strengthen sections on Native Hawaiian health, charter schools, and traditional natural resource management

Add performance measures for objectives

Remove Kapa'a-specific transportation policy

Add community values from existing General Plan

Amend Hanapēpē-Eleele Community Plan Guidance

Added public art and traffic calming actions.



# Supplemental #1

Approved on February 28 (vote 4:0)

Amendment Summary	Concern raised by
Improved explanation of the framework and purpose of the General Plan	Anne Walton Kaua'i Community Coalition
Emphasize importance of the ahupua'a management system	Mehana Vaughan
Address driving on beaches	Gabriella Taylor Kaua'i Community Coalition
Add traffic calming concerns to Transportation Sector	Hanalei to Hā'ena Community Association
Add more information on Native Hawaiian practices, science, language, and health equity concerns.	Kamealoha Hanohano-Smith
Actions to protect Native Hawaiian Rights	Kamealoha Hanohano-Smith
Provide for additional residential growth in Waimea	Contractors Association

# Supplemental #2

Approved on April 27 (vote 5:0)

Amendment Summary	Concern raised by
Improve explanation of land use and transportation connection	JoAnn Yukimura
Address restoration of native lowland forests	Jan TenBruggencate
Add local food self sufficiency and desire for more locally grown food	Jeri DiPietro
Include community gardens as a permitted use in residential areas	Jeri DiPietro
Identify key implementation partners and better describe how plan implementation occurs	Kaua'i Community Coalition

# Supplemental #4

Approved on April 27 (vote 5:0)

Amendment Summary	Concern raised by:
Accommodate East Kaua'i housing needs via designation of the area surrounding Kapa'a Middle School for residential growth.	Contractors Association Doug Haigh Ron Agor Walter "Kamika" Smith Plus 100 more testimonies
Add stronger language regarding hazard, risk, and vulnerability assessments in future community plans	Doug Haigh



# Supplemental #5/#6

Approved on April 27 (vote 5:0) and May 23

Amendment Summary	Concern raised by:
Added objectives to bridge the high-level goals and the actions.	Kaua'i Community Coalition
Added performance measures and improved description of monitoring system.	Hawai'i Alliance for Progressive Action Kaua'i Community Coalition Marge Freeman
Consistency and alignment with Aloha Plus Challenge	Kaua'i Community Coalition
Revisions to the North Shore Community Planning guidance	Beryl Blaich Kīlauea Community Association
Acknowledge that the 3-foot SLR scenario is becoming more likely this century	Douglas Wilmore
Include need for community managed subsistence areas in every ahupua'a	Mehana Vaughan
Add need for venue for public dialogue regarding our transportation system.	Kaua'i Community Coalition

# On the floor

Approved on May 23 and June 13

Amendment Summary	Concern raised by:
Address Kuleana lands	Mehana Vaughan
Delete Kapaʻa and Wailua-specific transportation policy and combine with Policy #8	JoAnn Yukimura Jean Souza
Revision to Hanapēpē-Eleele Community Planning Guidance	Jean Souza Hanapēpē-Eleele Community Association
Add definitions for provisional agriculture and walkshed	Commissioner Nogami-Streufort
Add Paris Climate Agreement language	Commissioner Nogami-Streufort Luke Evslin
Describe Puolo Point salt pans as a valued cultural resource and include community members in future studies to assess impacts to the area.	Malia Nobrega-Olivera

# Failed Motions

Summary	Vote (for:against)
<u>April 27</u> Integrate items on pgs. 5-11 in Transportation Policy White Paper (by Charlier & Associates) into plan	1:4
<u>May 23</u> Remove resort designation for Princeville Phase II area on Future Land Use Map	2:5
<u>May 23</u> Remove provisional agricultural designation from Hanapēpē-Eleele Future Land Use Map	1:6
<u>May 23</u> Add stronger language pertaining to viewplanes	1:6
<u>June 13</u> Direct Department to conduct half-day workshop	2:4
<u>June 13</u> Remove resort designation for Princeville Phase II area on Future Land Use Map	2:4



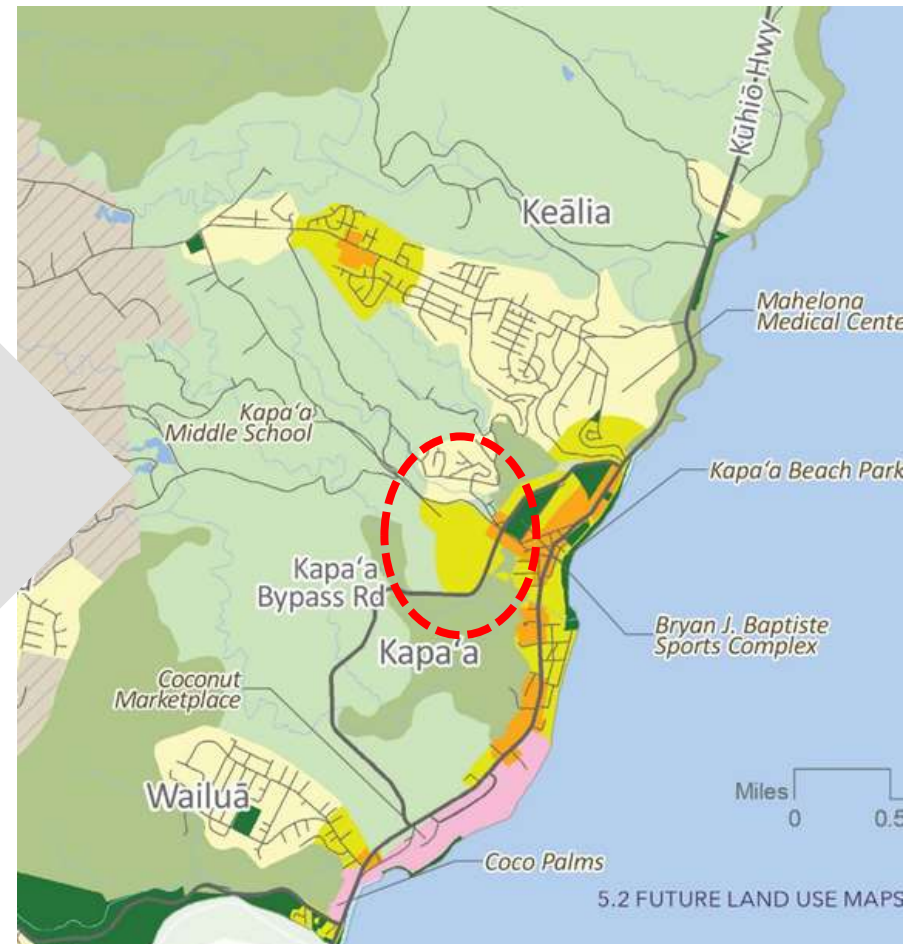


# East Kauai Land Use Map

2000 General  
Plan designates  
area as Urban  
Center

May 23, 2017  
Planning  
Commission  
votes to  
designate area  
Neighborhood  
General  
All in Favor 7:0

Removed in the  
November 2016  
Discussion Draft and  
January 2017  
Departmental Draft





# North Shore Land Use Map

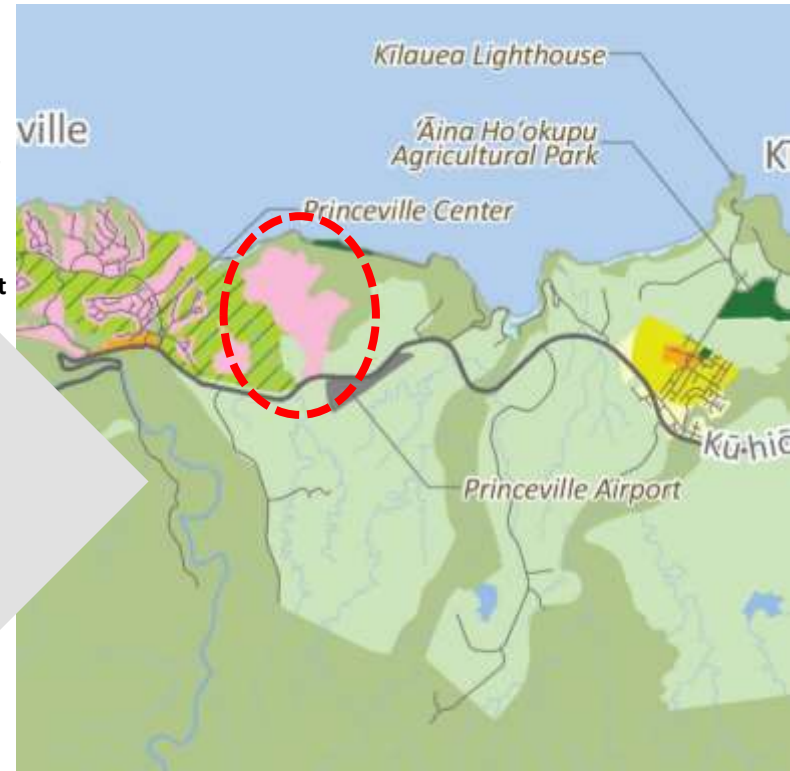
2000 General  
Plan  
designates  
area as Resort

Returned to  
Resort in the  
Departmental  
Draft

June 13, 2017  
Planning  
Commission  
vote to  
remove Resort  
Designation  
fails 2:4

Removed in the  
November 2016  
Discussion Draft

May 23, 2017  
Planning  
Commission  
vote to  
remove Resort  
designation  
fails 1:6





## Hot Topic

# Hanapēpē-Eleele Land Use Map

2000 General Plan  
designates area as  
Agriculture

April 27, 2017  
Planning Commission  
designates plateau  
east of Port Allen to  
Wahiawa Gulch as  
Neighborhood  
General/Provisional  
Agriculture  
All in Favor 5:0

Lima Ola included as Residential  
Community in Discussion and  
Departmental Drafts, with area  
adjacent to Port Allen as  
Neighborhood General

May 23, 2017  
Motion to remove  
provisional agriculture  
designation from land  
use map fails 1:6







# Visitor Population Growth

- Visitor projections for plan go out 20 years
- Plan used independent consultant to project out to 2035
- DBEDT's 2013 Projection Release closely mirrors GP consultant report from 2014
- HTA does not develop projections, DBEDT does
- DBEDT has not updated projections since 2013

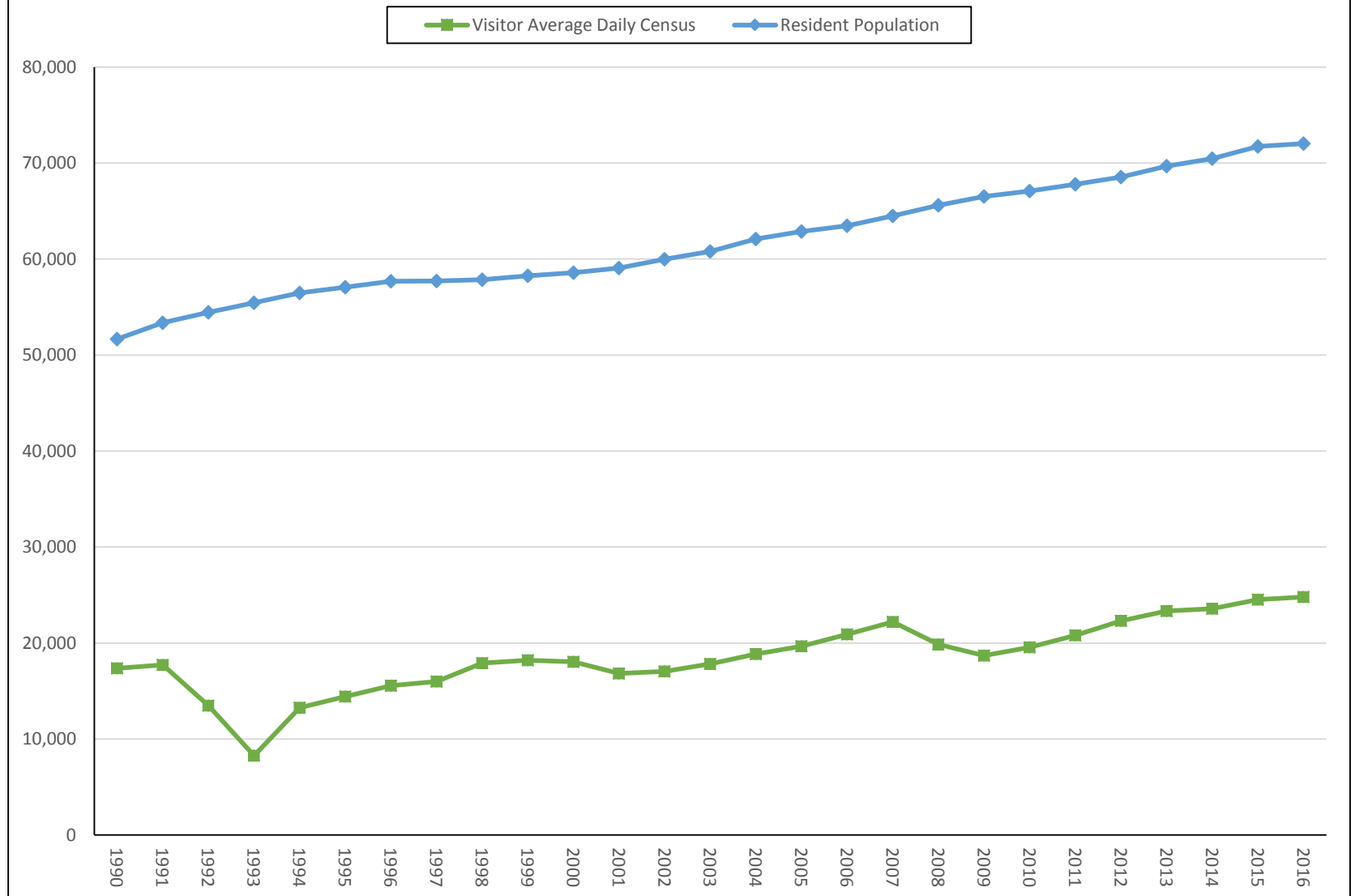
# DBEDT vs. SMS Projections

Visitor Arrivals (x 1,000)						
	2015 (forecast)	2020 (forecast)	2025 (forecast)	2030 (forecast)	2035 (forecast)	2040 (forecast)
<b>State Long Range Forecast*</b>	1,110	1,150	1,210	1,270	1,330	1,390
<b>General Plan Update**</b>	1,143	1,186	1,231	1,278	1,327	n/a
<b>Difference (State – County)</b>	33	35	21	8	3	n/a

*\*DBEDT 2013*

*\*\*SMS Hawai'i, 2014, 2016*

Kauai Visitor Average Daily Census vs Resident Population





# Visitor Population Growth

- 3 years of data have been compiled since 2014
- Recent data shows uptick in visitor population above projected trendline
- Working with consultant to determine if recent uptick changes long range forecast



**Hot Topic**

# Land Use Policy Options

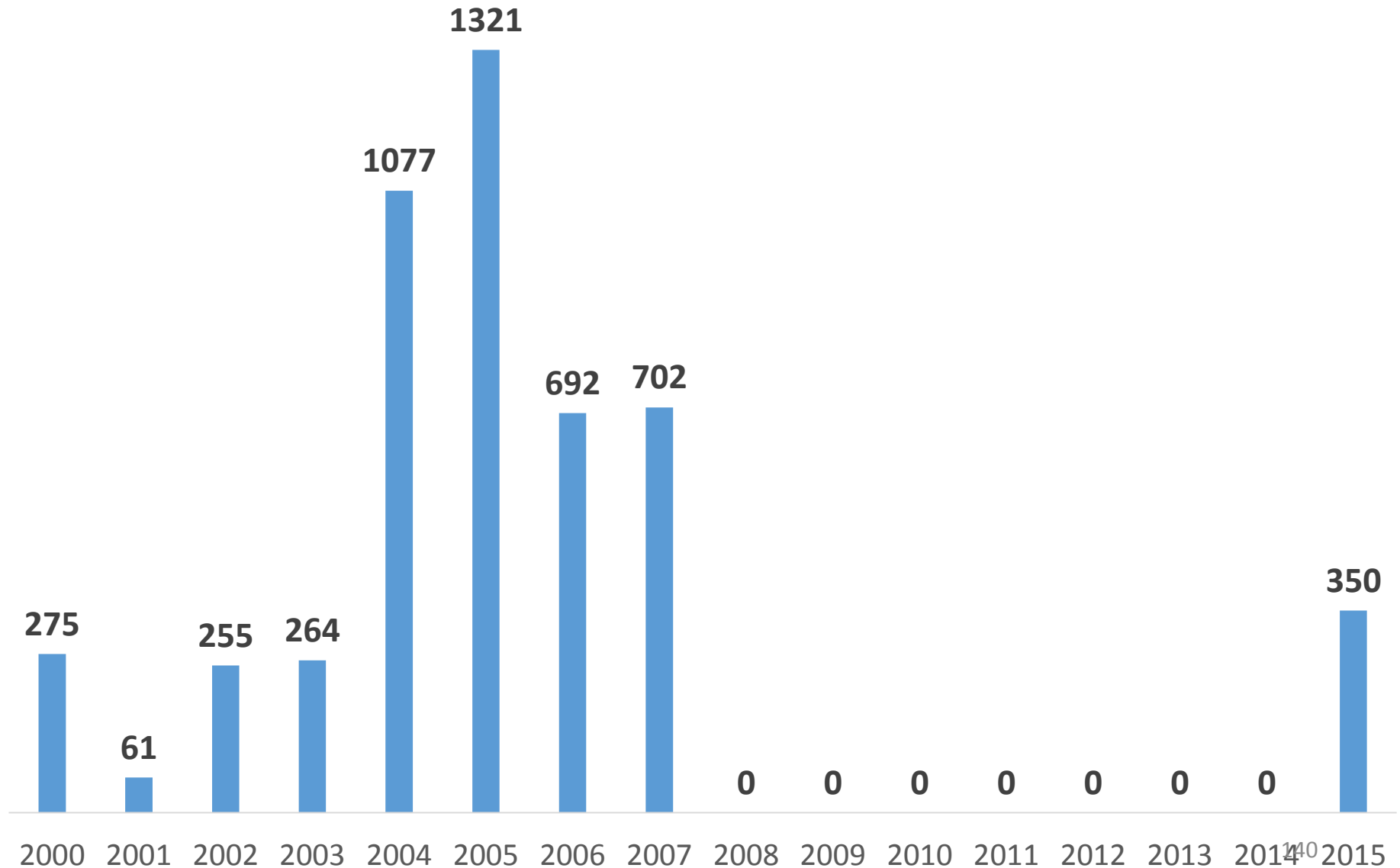
- Cannot limit the constitutional right to travel
- ✓ Explore controls via land use policy:
  - Future Visitor Unit Supply and Location
  - Alternative Accommodations
  - Visitor impacts on parks and roads

# Projects Permitted since 2000

Approval Date	Permit	Applicant	Project Description	Permitted New Units	Project Type	Constructed
6/22/2000	Z-IV-2000-21	Marriott Ownership Resorts, Inc.	Waiohai Beach Club	234	Apartment Hotel	Yes
11/22/2000	Z-III-2001-1	QEB, LLC	Villas on the Prince	41	Townhouse	Yes
3/27/2001	Z-IV-2001-31	I Pali Kai O'Kalapaki Kea	I Pali Kai	2	Multi-family	Yes
11/27/2001	Z-IV-2002-15	Villas of Kamalii/ QEB II, LLC	Villas of Kamalii	59	Multi-family	Yes
2/26/2002	Z-III-2002-5	Jeff A. Hill	Unnamed Hotel Project	5	Hotel	Yes
5/28/2002	Z-IV-2002-20	Kapalawai Resort LLC	Kapalawai Resort	250	Hotel	No
3/11/2003	Z-IV-2003-16	MKH Properties Co, LLC	The Plantation at Princeville	68	Multi-family	Yes
3/25/2003	Z-IV-2003-8	Waipouli Beach Resort LLC	Waipouli Beach Resort	196	Apartment Hotel	Yes
1/13/2004	S-2003-48	Eric Knudsen Trust	Village at Po'ipū	51	Subdivision	Pending
4/13/2004	Z-IV-2004-27	Nihilani Group, LLC	Nihilani at Princeville	102	Multi-family	Yes
4/13/2004	S-2002-32	Princeville Corporation	The Greens on Queen Emma's Bluff	36	Single-family	No
8/10/2004	Z-IV-2004-42	CTF Hawai'i Hotel Partners Ltd	Koa Kea Hotel	129	Hotel	Yes
9/28/2004	S-2004-48	Wind Ridge Island Properties, LLC	Wainani at Po'ipū	72	Single-family	Yes
11/24/2004	Z-IV-2004-35	Regency Development, LLC	Kōloa Landing	323	Condominium	Yes
12/14/2004	Z-IV-2005-4	SVO Pacific, INC	Princeville Ocean Resort Villas	364	Apartment Hotel	Yes
1/25/2005	Z-IV-2005-5	Coco Palms, LLC	Coco Palms Resort	304	Hotel	No
4/12/2005	Z-IV-2005-18	Queen Emma Bluffs III	Ka'iulani of Princeville	77	Townhouse	Yes
8/23/2005	Z-IV-2005-30	Kauai Development, KD Golf Ownership	Kaua'i Lagoons Resort	770	Hotel/Residential	Ongoing
10/11/2005	Z-IV-2005-20	Nalu Investments LLC	Westside Inn	6	Hotel	Yes
12/13/2005	Z-IV-2005-38	Poipu Realty Partners LLC	The Royal Palms at Po'ipū Beach	164	Multi-family	Pending
3/14/2006	Z-IV-2006-13	Kiahuna Fairways LLC	Pilimai at Po'ipū	191	Single-family	Ongoing
4/26/2006	Z-IV-2006-18	Kukui'ula Development Company	"Plantation Core" Guest Houses	21	Guest Units	Yes
8/22/2006	Z-IV-2006-27	Kiahuna Poipu Golf Resort LLC	Kiahuna Po'ipū Golf Resort	282	Multi-family	No
9/12/2006	S-2005-25	Kukui'ula Development Company, LLC	Kukui'ula Lot 12 SSD	88	Single-family	Yes
11/9/2006	S-2004-16	Kiahuna Mauka Partners, LLC	Po'ipū Beach Estates	110	Single-family	Ongoing
1/23/2007	Z-IV-2006-9	Coconut Beach Dev. LLC	Coconut Beach Project	349	Apartment Hotel	Pending
1/23/2007	Z-IV-2006-10	Coconut Plantation Holdings LLC	Coconut Plantation Project	198	Apartment Hotel	Pending
10/9/2007	Z-IV-2007-29	SVO Pacific, INC	Sheraton Kaua'i Po'ipū Beach Villas	155	Apartment Hotel	No
11/27/2007	Z-IV-2008-4	Consolidated Resorts Inc.	The Sands of Kaua'i±±±	0	Apartment Hotel	Yes
3/15/2015	Z-IV-2015-8	Coco Palms Hui, LLC	Coco Palms Resort	350	Hotel	Pending
			Total	4,693		139



# Total Visitor Units Permitted



# What got built...

## 2,591 Units



**Po'ipū**  
**1,168**



**Princeville**  
**711**



**East Kaua'i**  
**201**



**Līhu'e**  
**72**

# Degree of entitlement

Approval Date	Permit	Project Description	Permitted New Units	Project Type	Location	Constructed	Notes
1/23/2007	Z-IV-2006-9	Coconut Beach Project	349	Apartment Hotel	East Kaua'i	Pending	
1/23/2007	Z-IV-2006-10	Coconut Plantation Project	198	Apartment Hotel	East Kaua'i	Pending	
3/15/2015	Z-IV-2015-8	Coco Palms Resort	350	Hotel	East Kaua'i	Pending	
12/13/2005	Z-IV-2005-38	The Royal Palms at Po'ipū Beach	56	Condominium	Po'ipū	Pending	*was reduced
1/13/2004	S-2003-48	Village at Po'ipū	51	Single-family	Po'ipū	Pending	
10/9/2007	Z-IV-2007-29	Sheraton Kaua'i Po'ipū Beach Villas	155	Apartment Hotel	Po'ipū	No	*net units
8/22/2006	Z-IV-2006-27	Kiahuna Po'ipū Golf Resort	282	Condominium	Po'ipū	No	
4/13/2004	S-2002-32	The Greens on Queen Emma's Bluff	36	Single-family	Princeville	No	
5/28/2002	Z-IV-2002-20	Kapalawai Resort	250	Hotel	West Side	No	

**TOTAL 1,727**

*VDA master-planned zoned projects, not subdivided*

Kukui'ula	700
Princeville Meadows	200
Kaua'i Lagoons	700
Hanalei Ridge	120 - 282

**TOTAL 1,721**

*VDA zoned projects, no subdivision or final zoning approvals*

Po'ipū R-20 Parcel	152
Po'ipū R-10 Parcel	126

*General Plan Resort, Ag zoning*

**TOTAL 278**

Kikiaola (North of WPC) – No VDA	70 acres
Nukoli'i (South of KBR) – No VDA	30 acres
Princeville Phase II	252 acres

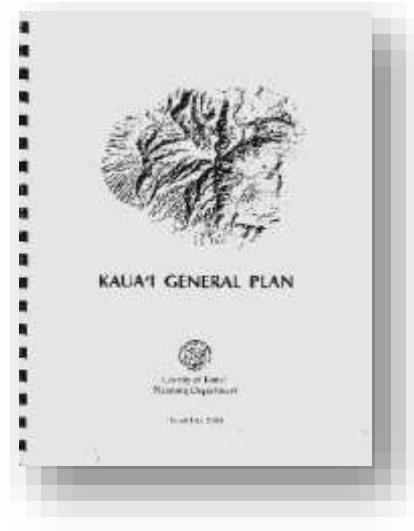
**TOTAL Unknown**

Potential  
New Units:

**3,726 +**



# Existing General Plan Policy



## **“Supply of Visitor Units and Location of Resort Development” (Section 4.2.8.1)**

### **POLICY:**

(a) Encourage and support resort development on lands planned and zoned for resort use, primarily at Princeville, Kapa‘a-Wailua, and Po‘ipū.

(b) Plan for a limited number of visitor accommodations on the West Side, to be provided in residential and inn-style buildings.

### **IMPLEMENTING ACTION(S):**

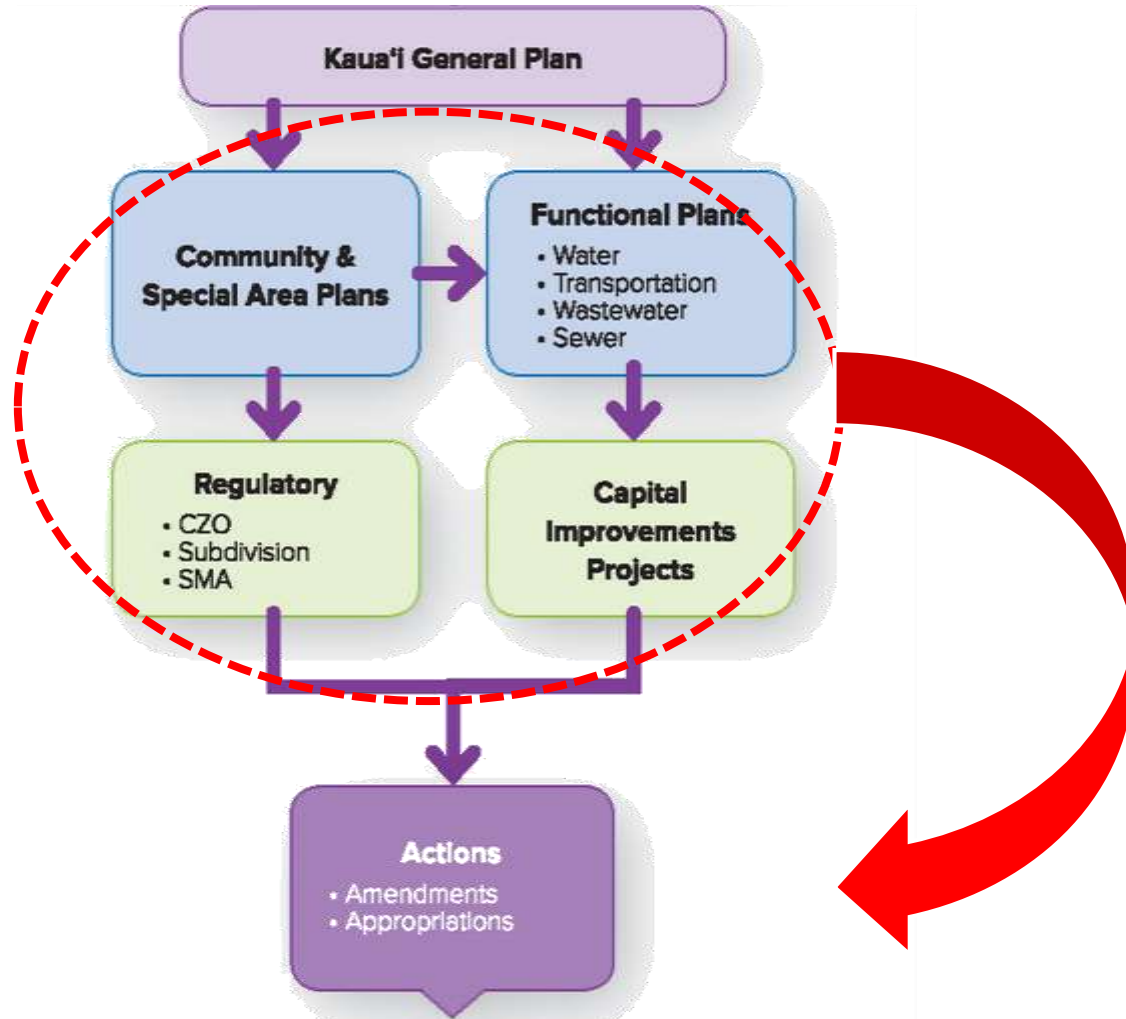
None

# Proposed Tourism Actions

- ✓ Address impact of resort uses on Housing Inventory (Pg. 122)
- ✓ Support attrition and amortization of NC-TVRs (Pg. 122)
- ✓ Acknowledge impact pipeline projects and potential build out (Pg. 158)
- ✓ Support strategic planning for Tourism (Pg. 158 – 160)
- ✓ Do not expand existing VDA (Pg. 160)
- ✓ Impose lose-it-or-lose-it provision (Pg. 160)
- ✓ Impose short-term expiration dates for construction (Pg. 160)
- ✓ Negotiate with entitled resorts to reduce unit count (Pg. 160)
- ✓ Explore development of visitor carrying capacity (Pg. 160)



# Implementation & Monitoring





# Implementation & Monitoring

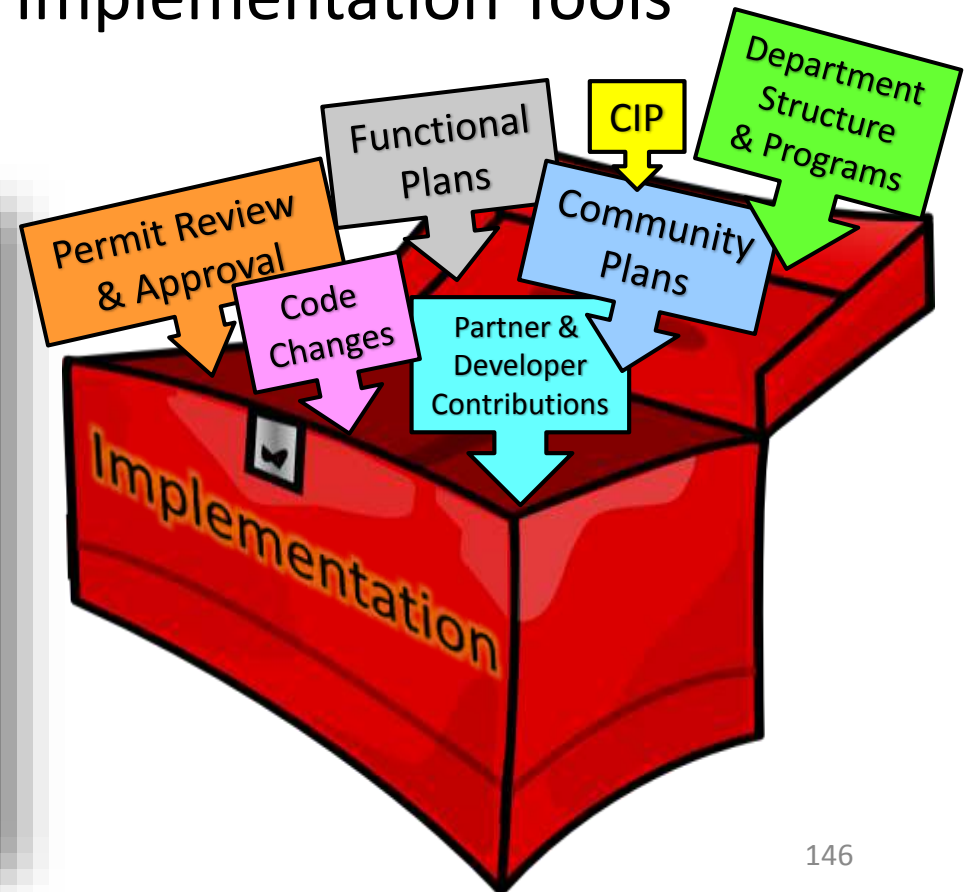
★ *Shared responsibility and accountability for implementation are imperative to staying focused and making measurable progress.*

## Action Matrix

Appendix G

#	Label	Action	Lead Agency	Objective #
98	HR 1.C.1	Maintain the character of historic structures and bridges.	Public Works	30
99	HR 1.C.2	Educate and encourage property owners to nominate structures and sites to the State and National Register of Historic Places.	Planning	30
100	HR 1.C.3	Provide a real property tax exemption for historic properties, including commercial properties.	Finance/County Council	30
101	HR 1.C.4	Explore utilizing the Open Space Fund for historic preservation purposes.	Finance	30
102	HR 2.C.1	Promote the diversity of stories and sites on Kaua'i, including those related to Native Hawaiian history and mythology, migrant worker history, and modern history.	Planning	31
103	HR 2.C.2	Establish historical trails, markers, and events that draw attention to the history of Kaua'i.	Parks and Recreation/ State Parks	31
104	HR 2.C.3	Through stewardship agreements, ensure proper management and interpretation of significant cultural resources and sites.	Parks and Recreation/ State Parks	31
105	HR 3.C.1	Support Kaua'i Nui Kuapapa and other efforts to spread awareness of Kaua'i's original place names.	Mayor's Office	32
106	HR 3.C.2	Support implementation of the corridor management plan for the Holo Holo Kōloa Scenic Byway.	Public Works	32
107	ES 1.C.1	Install more solar energy systems on County facilities.	Economic Development	33
108	ES 1.C.2	Pursue ground transportation energy conservation and alternative fuel projects.	Economic Development	33

## Implementation Tools



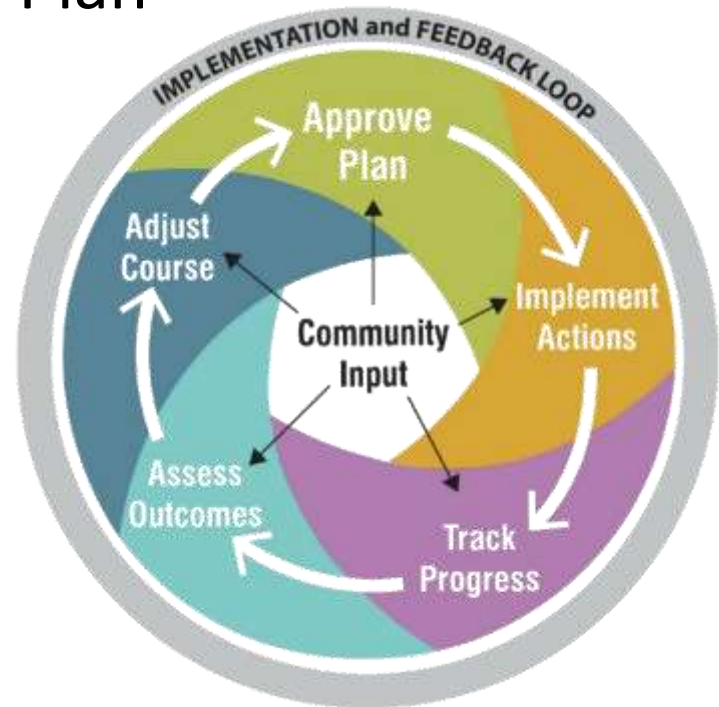
# Implementation & Monitoring

## Performance Measures

Table 4-1 General Plan Objectives and Draft Performance Measures

Objective	Draft Measures (* indicates the measure aligns with the Aloha+ Challenge Measures)
1. To accommodate and support Kaua'i's projected population growth and housing needs.	Conformance with population allocations
2. To meet future housing needs through "missing middle" housing types that are affordable by design.	Building type of new residential units
3. To protect rural character by ensuring new growth designed to be compact and focused around existing town cores.	Consistency with the Future Land Use Map
4. To manage land use and development in a manner that respects the unique character of a place.	Development under Special Planning Areas
5. To locate residential growth in and near jobs centers.	Housing units within 1/2 mile of major jobs centers Reduction in average commute time
6. To increase overall community health through design that supports safe and accessible parks, streets, and other shared spaces.	Non-commute mode share

## Updating the General Plan



*Mahalo to all those who have shaped the  
General Plan Update by attending meetings,  
participating in discussions, spreading the  
work, and sharing their ideas!*



[www.plankauai.com](http://www.plankauai.com)

END OF PRESENTATION 😊